X-ECO® 5

LED PRODUCT CATALOG vol.5

EFFECT MEIJI CORP.

EFFECT MEIJI Corp.

X-ECO LED PRODUCT CATALOG vol.5

5

INTRODUCTION

X-ECO CONCEPT

何も知らない　子供たちの　明日のために　心残そう　言葉残そう　木々をわたる
風を残そう　人を残そう　町を残そう　境のない　国を残そう
何も知らない　子供たちが　生きるために

X-ECO テーマソング『残そう』より　LILY-YOJI（りりィ&洋士）

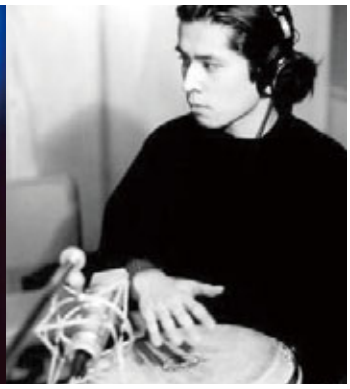
エフェクトメイジは子供たちの未来に
『美しい地球を残そう』のコンセプトのもと、LED照明器具をご提案いたします。

SUPPORTER

りりィ
Vo

齋藤洋士
Vo,G

深沢 剛
ハーモニカ奏者



深瀬（櫻井）健太郎
Percussion
Sound engineering

LILY-YOJI（りりィ&洋士）with 深沢剛　www.geocities.jp/lily_yoji

1999年から2人は『TWIN VOCAL』という新しい領域に挑戦中、全国各地でライブ活動を積極的に行っている。このユニットでの作品がアニメや映画の主題歌にもなっている。

主な作品は松本零士作品『クイーンエメラルダス』のテーマ曲、第53回カンヌ映画祭正式出品作品(第36回シカゴ映画祭国際批評家連盟賞受賞)、小林政弘監督作品『女理容師の恋』主題歌・挿入歌(ロカルノ国際映画祭特別映画賞受賞)、高橋伴明監督作品『火火』主題歌(第29回サンパウロ国際映画祭パークスペクティブ部門正式出品作)など。2008年4月23日コロンビアレコードより『ツインボーカル・FROM』リリース

りりィ

1974年『私は泣いています』が100万枚を超えるヒット
1976年『オレンジ村から春へ』が『資生堂春』のキャンペーンソングに
1997年TBSドラマ『青い鳥』出演、以来女優を再開
1999年映画『のど自慢』『人間合格』出演
2000年TVドラマ『家族模様―NHK』、テレビCM『ソニー』『野村證券』
2001年映画『アカシアの道』『案山子』など出演
2001年10月TBSドラマ『3年B組金八先生』に上戸彩の母親役として出演
2002年映画『折り梅』出演、ブラックニッカCM『夢であいましょう』唄う
2003年映画『さよなら、クロ』出演
2003年映画『ピタール』『リンダ・リンダ・リンダ』出演
2005年映画『SINOBI』出演
2007年映画『蟲師』出演
2007年映画『パークアンドラブホテル』主演
2008年ベルリン国際映画祭最優秀新人作品賞受賞作品

齋藤洋士

1984年トーラスレコードより『濡れた瞳のジェシー』でデビュー。高橋真理子、香坂みゆき、などコーラスでレコーディングに参加、また同時に業界ではテレビ、ラジオのCMナレーターとしても知られている。

主な代表的出演作品には『日産・エルグランド』、『トヨタ・ハイラックス』、『コナカ』、『資生堂』、『ナイキ』、『ソニー』、サントリーでは『鏡月グリーン』etc、なにも引かない、なにも足さない…のコピーで御存じの『サントリー山崎』も手がけている。

深沢 剛

1972年生まれ。17歳でハーモニカを始める。

91年FIH全日本ハーモニカ・コンテストのブルース・ハープ部門優勝や93年ワールドカップ・ハーモニカ・チャンピオンシップス(ドイツ)のフォーク・カントリー部門2位など、国内外のコンクールで活躍。リー・オスカーら世界的ハーモニカ奏者たちとの共演経験も積んだ。国内楽器メーカーのモニター役やハーモニカ講師を務め10穴ハーモニカの普及に尽力しながら、バンドやソロで活動を続ける。

深瀬（櫻井）健太郎

1972年生まれ、日本大学芸術学部音楽学科打楽器コース卒業。在学中からクラシックよりもバンド活動に力を入れる。音楽のジャンルは問わず、ラテンからファンクまで幅広く演奏。レコーディング・ライヴ等、数々のセッションに参加している。

また演奏と平行して、打ち込みによる音楽制作やサウンドエンジニアリングを研究。多くのアーティストのアルバム制作に関わっている。最近では、ラ・ノーチェ、りりィ&洋士等ライヴサポート。

森山泰行　元日本代表サッカー選手

Jリーグ通算、215試合66得点。その多くを途中出場で挙げたことを考慮すると驚異的な数字であり、出場時間当たり得点数としては現在も日本記録となっている。
現、名古屋グランパスエイトのストイコビッチ　(ピクシー)　監督からは「ペナルティエリア内の虎」と評価されていた。現在は帝京高校サッカー部 コーチ、サッカー解説者として活動している。

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Icons

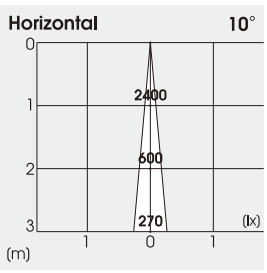
- W — White / Cool WHITE
- Ww — Warm WHITE
- RGB — Full Color
- DIMMER — Dimmable
- DMX — DMX Controllable
- PSE — PSE mark certified
- IP65 — IP description
- AC 100V — Input voltage
- Rated Electric Current 350mA — Transformer Indication
- 30W Halogen Replace — Halogen Equivalency Specifications
- OUTDOOR — Outdoor use
- WATER — Underwater use only
- E11 — Bulb Socket : E11
- E17 — Bulb Socket : E17
- E26 — Bulb Socket : E26
- EZ10 — Bulb Socket : EZ10
- GU 5.3 — Bulb Socket : GU5.3
- G13 — Bulb Socket : G13

Light distribution image

(H:3m W:3m Grid:0.5m WD:0m)

H = Booth Height
W = Booth Width
Grid = Booth grid interval
WD = Distance from the wall

Figure of illumination underneath



X-ECO LED PRODUCT CATALOG vol.5

LED BULBS

LED BULBS

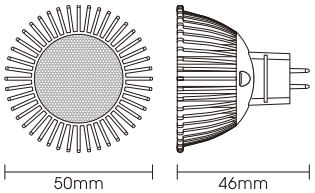
X-BULB MR16 GU5.3

GOLD

BLACK SILVER

BLUE,RED
(Built-to-order color)

narrow beam angle type BLACK



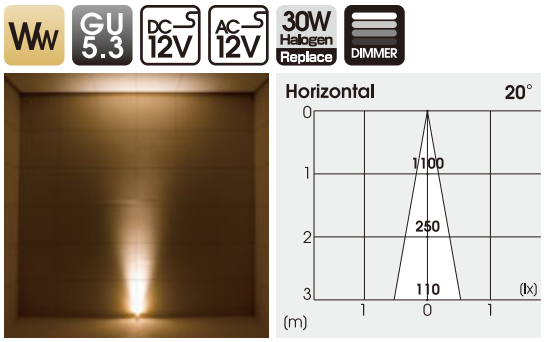
MR3W23-2-GU5.3

Warm WHITE , GU5.3 , GOLD body

MR3W25-2-GU5.3

Warm WHITE , GU5.3 , BLACK body

Power Consumption	3.6W
Lumen	190lm
Beam Angle	20°
Color Temperature	2580K～3220K
CRI	80
Weight	38g

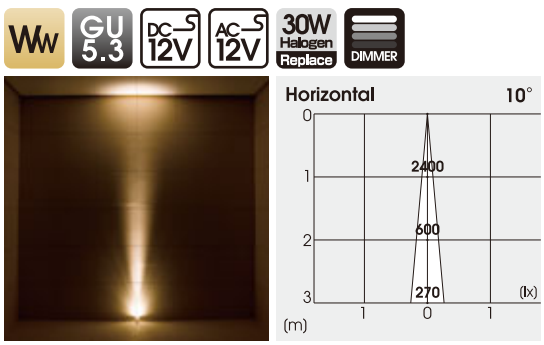


(H:3m W:3m Grid:0.5m WD:0m)

MR3W23-3-GU5.3

narrow beam angle type
Warm WHITE , GU5.3 , BLACK body

Power Consumption	3.6W
Lumen	190lm
Beam Angle	10°
Color Temperature	2580K～3220K
CRI	80
Weight	38g

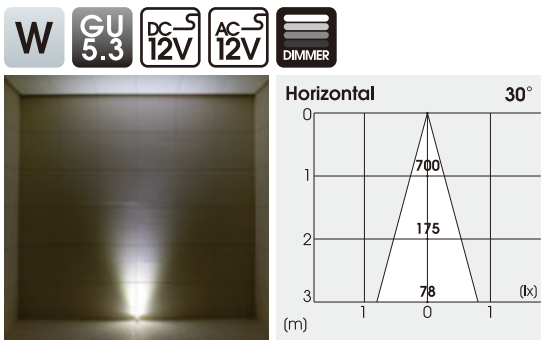


(H:3m W:3m Grid:0.5m WD:0m)

MR3C11-1-GU5.3

Cool WHITE , GU5.3 , SILVER body

Power Consumption	3W
Lumen	240lm
Beam Angle	30°
Color Temperature	4745K～6020K
CRI	70
Weight	38g



(H:3m W:3m Grid:0.5m WD:0m)

[Important]

○Blue and red body colors available by special order.
※Use DC12V for dimming.
※When used with certain transformers, may not turn on or may flicker.

X-BULB MR16 EZ10

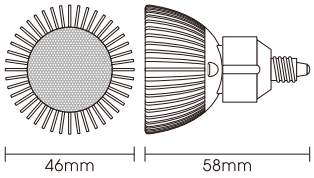
GOLD

BLACK

SILVER

BLUE,RED
(Built-to-order color)

narrow beam angle type BLACK



46mm 58mm

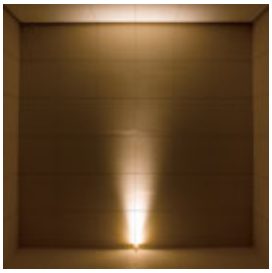
MR3W23-2-EZ10

Warm WHITE , EZ10 , GOLD body

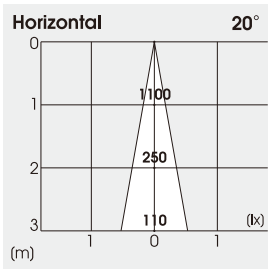
MR3W25-2-EZ10

Warm WHITE , EZ10 , BLACK body

Power Consumption	3.6W
Lumen	190lm
Beam Angle	20°
Color Temperature	2580K ~ 3220K
CRI	80
Weight	50g



(H:3m W:3m Grid:0.5m WD:0m)

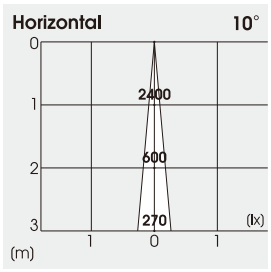


MR3W23-3-EZ10

narrow beam angle type
Warm WHITE , EZ10 , BLACK body

Power Consumption	3.6W
Lumen	190lm
Beam Angle	10°
Color Temperature	2580K ~ 3220K
CRI	80
Weight	50g

(H:3m W:3m Grid:0.5m WD:0m)

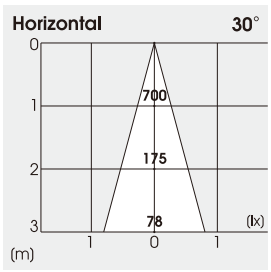


MR3C11-1-EZ10

Cool WHITE , EZ10 , SILVER body

Power Consumption	3W
Lumen	240lm
Beam Angle	30°
Color Temperature	4745K ~ 6020K
CRI	70
Weight	50g

(H:3m W:3m Grid:0.5m WD:0m)



[Important]

○Blue and red body colors available by special order.
※Use DC12V for dimming.
※When used with certain transformers, may not turn on or may flicker.

X-BULB MR16 GU5.3 with FIXTURES

X-BULB MR16 GU5.3 in combination with dedicated equipment, and working in a variety of applications.

with X-UNIVERSAL DOWN MR16

→P16,17

with X-SPOT MR16

→P19

LED BULBS

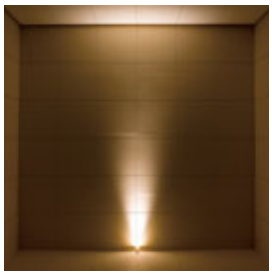
X-BULB MR16 E11

SILVER

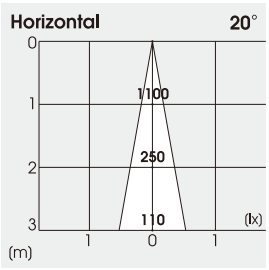
MR4W15-1E11

Warm WHITE , E11, SILVER body

Power Consumption	4.8W
Lumen	190lm
Beam Angle	20°
Color Temperature	2580K ~ 3220K
CRI	80
Weight	80g



(H:3m W:3m Grid:0.5m WD:0m)



narrow beam angle type BLACK

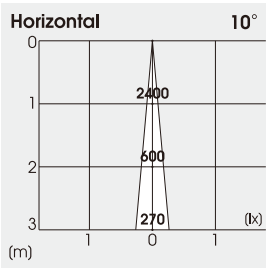
MR4W25-3E11

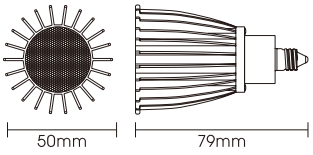
narrow beam angle type

Warm WHITE , E11, BLACK body

90%	4.8W
Lumen	190lm
Beam Angle	10°
Color Temperature	2580K ~ 3220K
CRI	80
Weight	80g

(H:3m W:3m Grid:0.5m WD:0m)



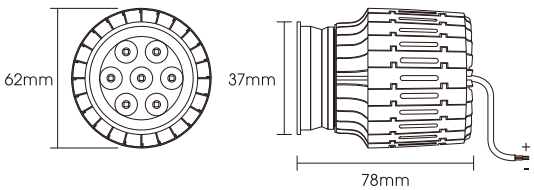


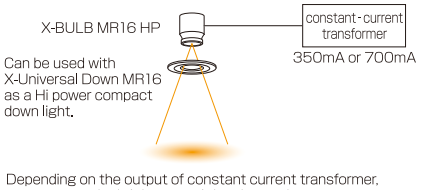
with X-SPOT MR16

→P18

X-BULB MR16 HP

Can be used with X-Universal Down MR16 (P16,17) as a Hi power compact down light.




X-BULB MR16 HP
constant-current transformer
350mA or 700mA
Can be used with X-Universal Down MR16 as a Hi power compact down light.

Depending on the output of constant current transformer, the brightness will be changed.

Please use the constant-current transformer for X-BULB MR16 HP (P59)

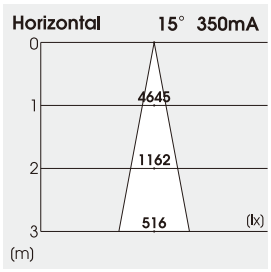
EF50-5715

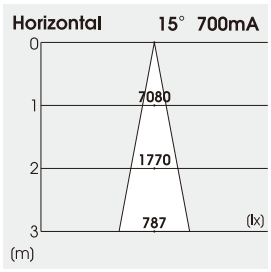
Cool WHITE , 15°

W

Input Power	350mA	700mA
Power Consumption	7.5W	15W
Life (Im=70%,Ta=25℃)	80,000h	35,000h
Lumen	630lm	985lm
Beam Angle	15°	15°
Color Temperature	5700K	5700K
CRI	75	75
Weight	133g	133g

(H:3m W:3m Grid:0.5m WD:0m)





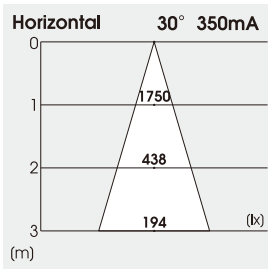
EF50-5730

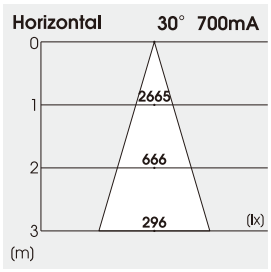
Cool WHITE , 30°

W

Input Power	350mA	700mA
Power Consumption	7.5W	15W
Life (Im=70%,Ta=25℃)	80,000h	35,000h
Lumen	645lm	980lm
Beam Angle	30°	30°
Color Temperature	5700K	5700K
CRI	75	75
Weight	133g	133g

(H:3m W:3m Grid:0.5m WD:0m)





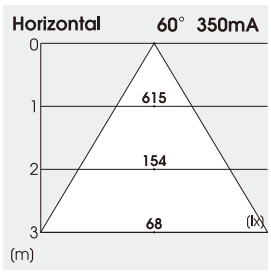
EF50-5760

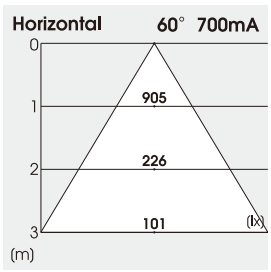
Cool WHITE , 60°

W

Input Power	350mA	700mA
Power Consumption	7.5W	15W
Life (Im=70%,Ta=25℃)	80,000h	35,000h
Lumen	625lm	985lm
Beam Angle	60°	60°
Color Temperature	5700K	5700K
CRI	75	75
Weight	133g	133g

(H:3m W:3m Grid:0.5m WD:0m)





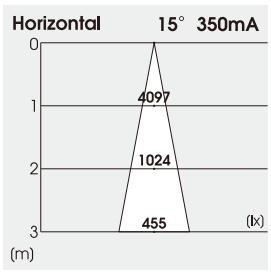
EF50-3015

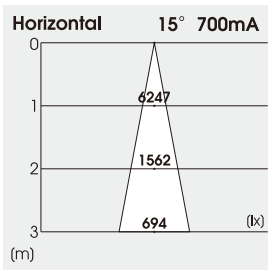
Warm WHITE , 15°

WW 75W Halogen Replace 350mA 120W Beam Replace 700mA

Input Power	350mA	700mA
Power Consumption	7.5W	15W
Life (Im=70%,Ta=25℃)	80,000h	35,000h
Lumen	487lm	762lm
Beam Angle	15°	15°
Color Temperature	3000K	3000K
CRI	85	85
Weight	133g	133g

(H:3m W:3m Grid:0.5m WD:0m)





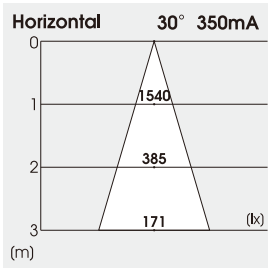
EF50-3030

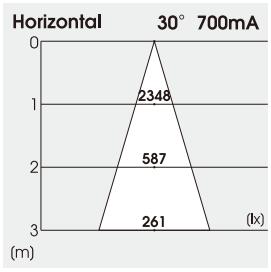
Warm WHITE , 30°

WW 75W Halogen Replace 120W Beam Replace

Input Power	350mA	700mA
Power Consumption	7.5W	15W
Life (Im=70%,Ta=25℃)	80,000h	35,000h
Lumen	495lm	758lm
Beam Angle	30°	30°
Color Temperature	3000K	3000K
CRI	85	85
Weight	133g	133g

(H:3m W:3m Grid:0.5m WD:0m)





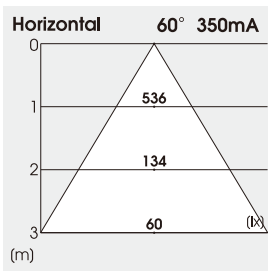
EF50-3060

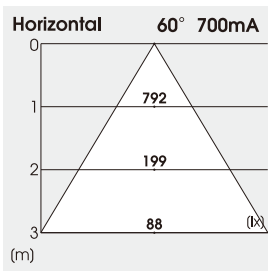
Warm WHITE , 60°

WW 75W Halogen Replace 350mA 120W Beam Replace 700mA

Input Power	350mA	700mA
Power Consumption	7.5W	15W
Life (Im=70%,Ta=25℃)	80,000h	35,000h
Lumen	480lm	760lm
Beam Angle	60°	60°
Color Temperature	3000K	3000K
CRI	85	85
Weight	133g	133g

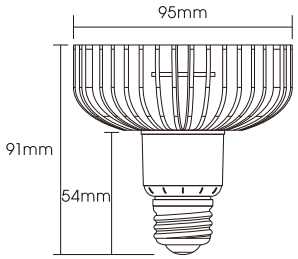
(H:3m W:3m Grid:0.5m WD:0m)





LED BULBS

X-BULB PAR30



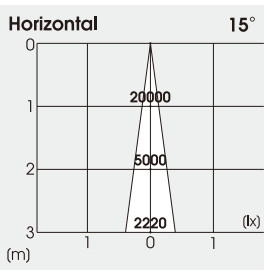
PAR30-12-5715

Cool WHITE , 15°

W E26 AC 100V

Power Consumption	12W
Lumen	770lm
Beam Angle	15°
Color Temperature	5000K ~ 6000K
CRI	75
Weight	260g

(H:3m W:3m Grid:0.5m WD:0m)



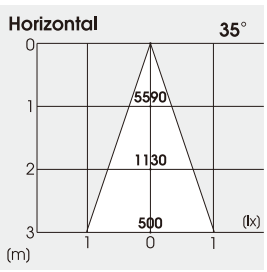
PAR30-12-5735

Cool WHITE , 35°

W E26 AC 100V

Power Consumption	12W
Lumen	790lm
Beam Angle	35°
Color Temperature	5000K ~ 6000K
CRI	75
Weight	260g

(H:3m W:3m Grid:0.5m WD:0m)



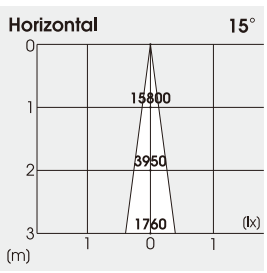
PAR30-12-3015

Warm WHITE , 15°

Ww E26 AC 100V 75W Halogen Replace

Power Consumption	12W
Lumen	595lm
Beam Angle	15°
Color Temperature	2600K ~ 3100K
CRI	80
Weight	260g

(H:3m W:3m Grid:0.5m WD:0m)



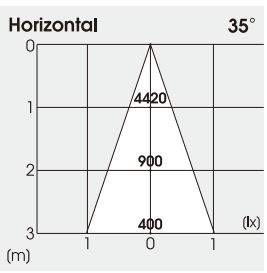
PAR30-12-3035

Warm WHITE , 35°

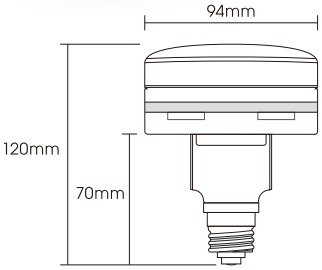
Ww E26 AC 100V 75W Halogen Replace

Power Consumption	12W
Lumen	637lm
Beam Angle	35°
Color Temperature	2600K ~ 3100K
CRI	80
Weight	260g

(H:3m W:3m Grid:0.5m WD:0m)



X-BULB PAR30H



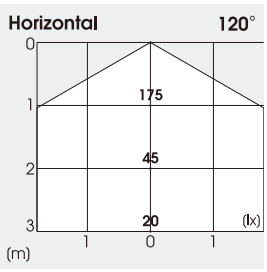
LCAS-P30 100V 10W-3500K

Warm WHITE , 120°

Ww E26 AC 100V

Power Consumption	10.5W
Lumen	614 lm
Beam Angle	120°
Color Temperature	3500K
CRI	70
Weight	140g

(H:2m W:3m Grid:0.5m WD:0.5m)



X-SPOT PAR30 with FIXTURE

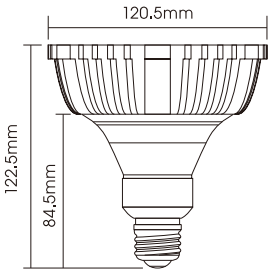
X-SPOT PAR 30 with FIXTURE will provide more effective for X-BULB PAR 30.

X-BULB PAR 30 is suitable for use as the down light in retail stores.

with X-SPOT PAR30

→P18

X-BULB PAR38



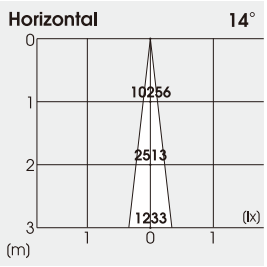
PAR3826N25-CCW92H

Cool WHITE , 14°

W E26 AC 100V OUTDOOR

Power Consumption	15W
Lumen	763lm
Beam Angle	14°
Color Temperature	5000K ~ 6500K
CRI	70
Weight	597g

(H:3m W:3m Grid:0.5m WD:0m)



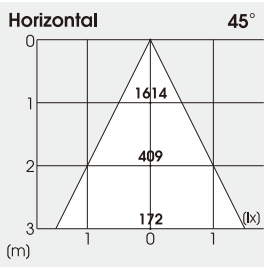
PAR3826N80-CCW92H

Cool WHITE , 45°

W E26 AC 100V OUTDOOR

Power Consumption	15W
Lumen	763lm
Beam Angle	45°
Color Temperature	5000K ~ 6500K
CRI	70
Weight	597g

(H:3m W:3m Grid:0.5m WD:0m)

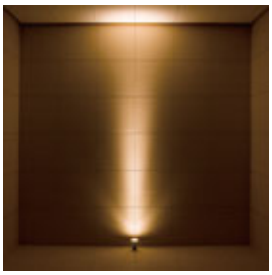


PAR3826N25-CWW92H

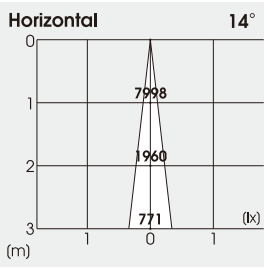
Warm WHITE , 14°

Ww E26 AC 100V 75W Halogen Replace OUTDOOR

Power Consumption	15W
Lumen	608lm
Beam Angle	14°
Color Temperature	2500K ~ 3200K
CRI	80
Weight	597g



(H:3m W:3m Grid:0.5m WD:0m)



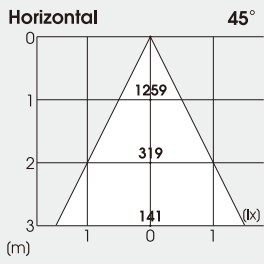
PAR3826N80-CWW92H

Warm WHITE , 45°

Ww E26 AC 100V 75W Halogen Replace OUTDOOR

Power Consumption	15W
Lumen	608lm
Beam Angle	45°
Color Temperature	2500K ~ 3200K
CRI	80
Weight	597g

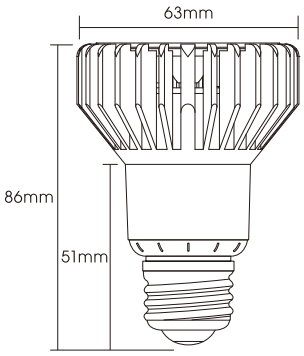
(H:3m W:3m Grid:0.5m WD:0m)



X-BULB PAR 38 is suitable for outside use and for sign lighting.
For a more powerful and high efficiency outdoor LED flood light, please see X-BEACON (P24).

LED BULBS

X-BULB PAR20



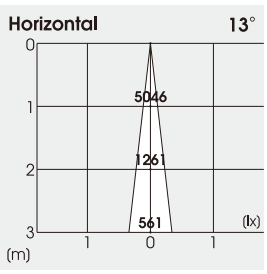
PAR2026SS-CCW71H semi-order

Cool WHITE , 13°

W E26 AC 100V

Power Consumption	8.5W
Lumen	555lm
Beam Angle	13°
Color Temperature	5000K ~ 6000K
CRI	70
Weight	103g

(H:3m W:3m Grid:0.5m WD:0.5m)



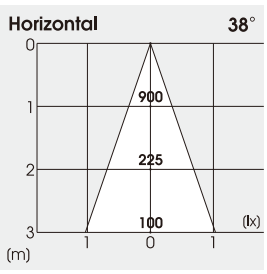
PAR2026W-CCW71H semi-order

Cool WHITE , 38°

W E26 AC 100V

Power Consumption	8.5W
Lumen	555lm
Beam Angle	38°
Color Temperature	5000K ~ 6000K
CRI	70
Weight	103g

(H:3m W:3m Grid:0.5m WD:0.5m)



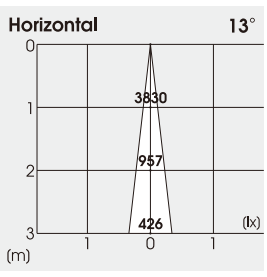
PAR2026SS-CWW71H semi-order

Warm WHITE , 13°

WW E26 AC 100V 50W Halogen Replace

Power Consumption	8.5W
Lumen	382lm
Beam Angle	13°
Color Temperature	2500K ~ 3200K
CRI	80
Weight	103g

(H:3m W:3m Grid:0.5m WD:0.5m)



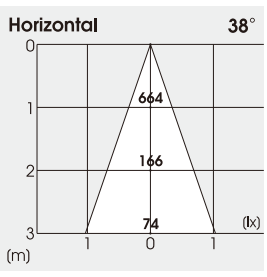
PAR2026W-CWW71H semi-order

Warm WHITE , 38°

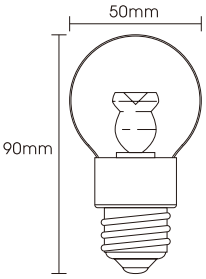
WW E26 AC 100V 50W Halogen Replace

Power Consumption	8.5W
Lumen	382lm
Beam Angle	38°
Color Temperature	2500K ~ 3200K
CRI	80
Weight	103g

(H:3m W:3m Grid:0.5m WD:0.5m)



X-BULB CLEAR BALL G50



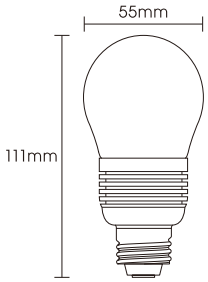
CB1W11-1

Warm WHITE , E26

WW E26 AC 100V ~200V

Power Consumption	1.6W
Lumen	55lm
Beam Angle	Omnidirectional
Color Temperature	2580K ~ 3220K
CRI	70
Weight	54g

X-BULB BRILLIANCE

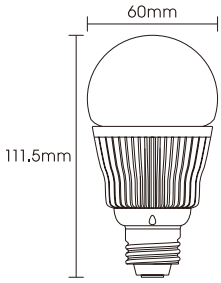


PS55V-E26-3-110/S

Warm WHITE , E26

WW E26 AC 100V

Power Consumption	4W
Lumen	180lm
Beam Angle	120°
Color Temperature	2600K ~ 3000K
CRI	70
Weight	60g

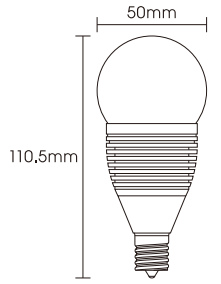


PS60V-E26-7-110/S

Warm WHITE , E26

WW E26 AC 100V

Power Consumption	7W
Lumen	250lm
Beam Angle	120°
Color Temperature	2600K ~ 3000K
CRI	70
Weight	110g



G50V-E17-3-110/S

Warm WHITE , E17

WW E17 AC 100V

Power Consumption	4W
Lumen	180lm
Beam Angle	120°
Color Temperature	2600K ~ 3000K
CRI	70
Weight	72g

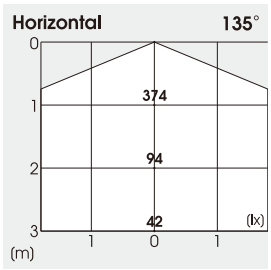
X-BULB FL

HG-T-CCD5-B-G3-0X

Cool WHITE

W DC 24V G13 semi-order

Power Consumption	16W
Lumen	1,400lm
Beam Angle	135°
Color Temperature	4745K ~ 6020K
CRI	70
Weight	400g

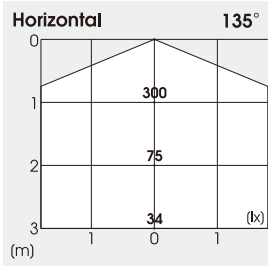


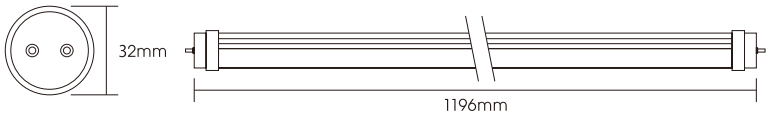
HG-T-CWD5-B-G3-0X

Warm WHITE

WW DC 24V G13 semi-order

Power Consumption	16W
Lumen	1,120lm
Beam Angle	135°
Color Temperature	2580K ~ 3220K
CRI	75
Weight	400g





X-ECO LED PRODUCT CATALOG vol.5

FIXTURE for LED BULBS

FIXTURE for LED BULBS

X-UNIVERSAL DOWN
Actual Size Φ87mm

X-UNIVERSAL DOWN MR16

X-Universal Down MR16 is suitable for three kinds of source of light, LED, Halogen and CMH. It is a universal and the compact down light equipment which allows optical axis adjustment. In addition to the 4 standard colors, special colors can be requested by Japan Paint Manufacturers Association coating number.
We suggest "X-Universal Down MR16" to professional illumination designers.

UD-GU5.3-W
WHITE Body , for LED and Halogen

UD-GX10-W
WHITE Body , for CMH

Targer	X-BULB MR16 GU5.3 Halogen lamp GU5.3 (Under 50W) CMH MR16 GX10 (Under 35W)
Weight	198g

※LED and transformer are purchased separately.

UD-GU5.3-G
GOLD Body , for LED and Halogen

UD-GX10-G
GOLD Body , for CMH

Targer	X-BULB MR16 GU5.3 Halogen lamp GU5.3 (Under 50W) CMH MR16 GX10 (Under 35W)
Weight	198g

※LED and transformer are purchased separately.

UD-GU5.3-B
BLACK Body , for LED and Halogen

UD-GX10-B
BLACK Body , for CMH

Targer	X-BULB MR16 GU5.3 Halogen lamp GU5.3 (Under 50W) CMH MR16 GX10 (Under 35W)
Weight	198g

※LED and transformer are purchased separately.

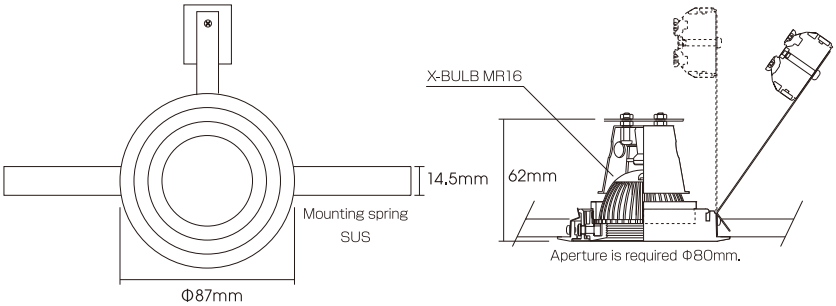
UD-GU5.3-C
CHROME Body , for LED and Halogen

UD-GX10-C
CHROME Body , for CMH

Targer	X-BULB MR16 GU5.3 Halogen lamp GU5.3 (Under 50W) CMH MR16 GX10 (Under 35W)
Weight	198g

※LED and transformer are purchased separately.

X-Universal Down MR16 is for X-BULB MR16,
Halogen lamp and CMH.



Special colors can be requested by Japan Paint Manufacturers Association coating number. Please contact us for more details.

without baffle

with baffle (UD-BF)

When X-UNIVERSAL DOWN MR16 is installed with a baffle, the light has no glare.
Also, UD-SDL can be used as a diffusion lens when using Halogen bulbs.

UD-BF

X-UNIVERSAL DOWN MR16 用 Baffle

Target	X-UNIVERSAL DOWN MR16
Weight	42g

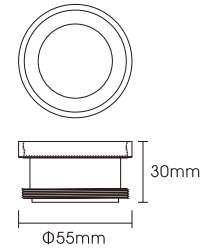
UD-SDL

X-UNIVERSAL DOWN MR16 用
Short Baffle + Diffusion Lens

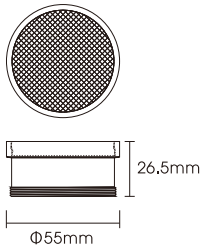
Target	X-UNIVERSAL DOWN MR16 for Halogen
Weight	37g (Baffle+Lens)

UD-SP

X-UNIVERSAL DOWN MR16 can be installed with UD-SP tillΦ130mm

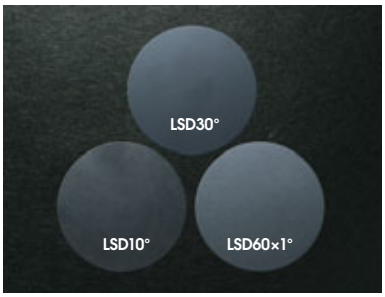


Baffle



Short Baffle
Diffusion Lens

Optical Lens LSD



The optical lens makes expansion is possible for X-UNIVERSAL DOWN MR16. The expanse of the light can be adjusted with Optical Lens LSD.

LSD10PC10 10°

type 10°

Target	X-UNIVERSAL DOWN MR16
Size	Φ49mm , t=0.25mm

LSD10PC10 60×1°

type 60×1°

Target	X-UNIVERSAL DOWN MR16
Size	Φ49mm , t=0.25mm

LSD10PC10 30°

type 30°

Target	X-UNIVERSAL DOWN MR16
Size	Φ49mm , t=0.25mm

Optial Lens LSD is available only to X-BULB MR16 GU5.3.

without Optical Lens | LSD 10° | LSD 30° | LSD 60x1°

Light : X-UNIVERSAL DOWN MR16 + X-BULB MR16 WW
(H:2m W:3m Grid:0.5m)

FIXTURE for LED BULBS

X-SPOT PAR30

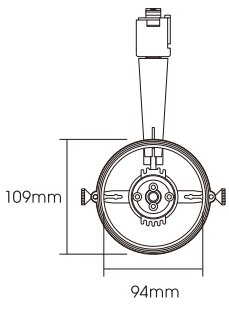
with X-BULB PAR30
※LED is optional.
※WHITE Body also available.

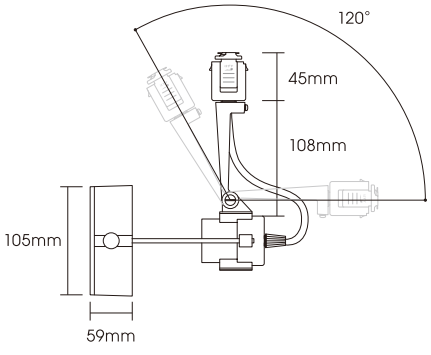
SP-30-E26-B
BLACK Body , for PAR30

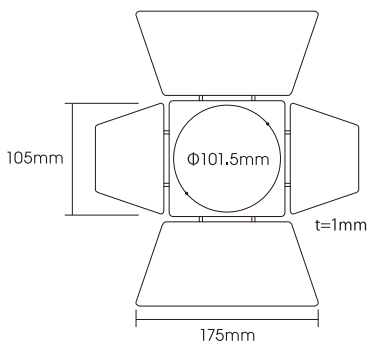
AC 100V E26

Targer	X-BULB PAR30 X-BULB PAR30H
Weight	434g

SP-30-BD-B
Exclusive Bandoor , BLACK , Weight 154g





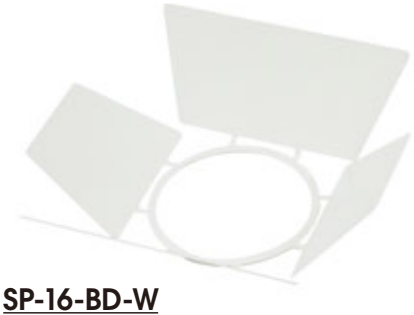


X-SPOT MR16 for GU5.3

※LED is optional.

※with baffle

※with bandoor



SP-16-GU5.3-W DC 12V AC 12V GU 5.3
WHITE Body , for GU5.3

SP-16-GU5.3-B DC 12V AC 12V GU 5.3
BLACK Body , for GU5.3

Target X-BULB MR16 GU5.3

SP-16-BF-W
Baffle , for WHITE Body , Weight 99g

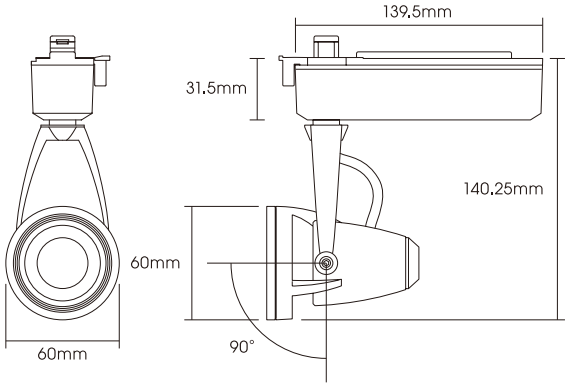
SP-16-BF-B
Baffle , for BLACK Body , Weight 99g

Baffle is interchangeable with X- SPOT MR16 for E11 and GU5.3 baffles.

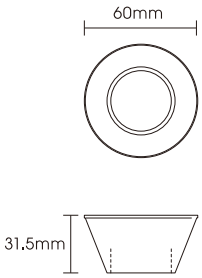
SP-16-BD-W
Bandoor , for WHITE Body , Weight 55g

SP-16-BD-B
Bandoor , for BLACK Body , Weight 55g

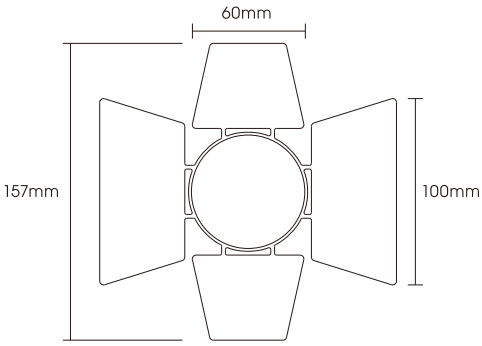
Bandoor is interchangeable with X- SPOT MR16 for E11 and GU5.3 baffles.



X-SPOT MR16 for GU5.3



Baffle



Bandoor

X-SPOT MR16 for E11

※with bandoor
※LED is optional.

SP-16-E11-W
WHITE body , for E11

SP-16-E11-B
BLACK Body , for E11

AC 100V E11

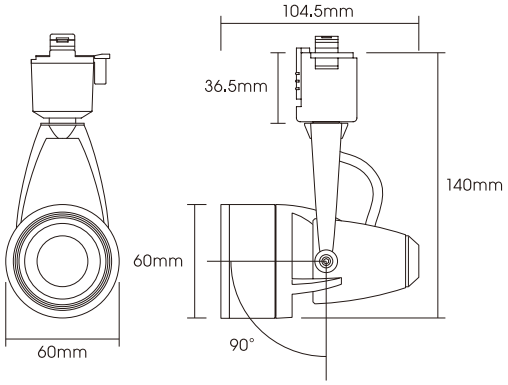
Target	X-BULB MR16 E11
Weight	204g

SP-16-BF-W
Baffle , for WHITE Body
Weight : 99g

SP-16-BF-B
Baffle , for BLACK Body
Weight : 99g

SP-16-BD-W
Bandoor , for WHITE Body
Weight : 55g

SP-16-BD-B
Bandoor , for BLACK Body
Weight : 55g



Baffle and bandoor are interchangable with X-SPOT MR16 for E11 and GU5.3 baffles and bandoors.

X-ECO LED PRODUCT CATALOG vol.5

LED GENERAL LIGHTING PRODUCTS

LED GENERAL LIGHTING PRODUCTS

X-BASE DOWN

Cool WHITE

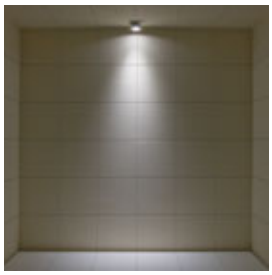
Warm WHITE

DL12C21-1

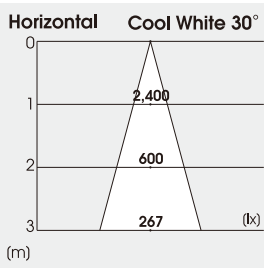
Cool WHITE , 30°

W | AC 100V ~200V | DIMMER

Power Consumption	13.5W
Lumen	830lm
Beam Angle	30°
Color Temperature	4745K ~ 6020K
CRI	75
Weight	825g



(H:3m W:3m Grid:0.5m WD:0.5m)



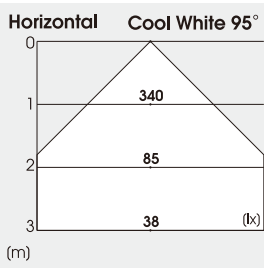
DL12C21-2

Cool WHITE , 95°

W | AC 100V ~200V | DIMMER

Power Consumption	13.5W
Lumen	830lm
Beam Angle	95°
Color Temperature	4745K ~ 6020K
CRI	75
Weight	825g

(H:3m W:3m Grid:0.5m WD:0.5m)



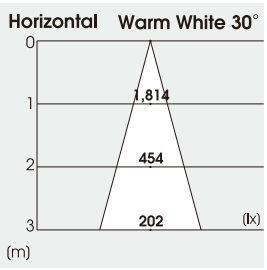
DL12W21-1

Warm WHITE , 30°

WW | AC 100V ~200V | DIMMER

Power Consumption	13.5W
Lumen	600lm
Beam Angle	30°
Color Temperature	2580K ~ 3220K
CRI	80
Weight	825g

(H:3m W:3m Grid:0.5m WD:0.5m)



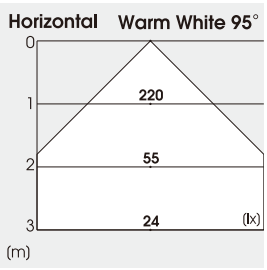
DL12W21-2

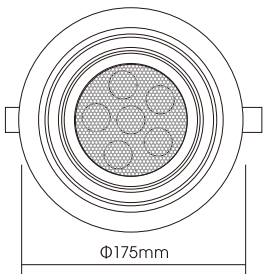
Warm WHITE , 95°

WW | AC 100V ~200V | DIMMER

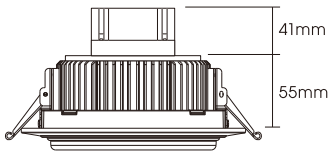
Power Consumption	13.5W
Lumen	600lm
Beam Angle	95°
Color Temperature	2580K ~ 3220K
CRI	80
Weight	825g

(H:3m W:3m Grid:0.5m WD:0.5m)





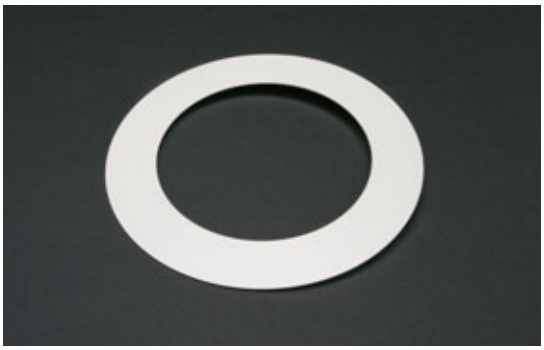
necessary space Φ150~160mm



DL-SP

spacer for X-BASE DOWN

Target	Corresponds to the opening up to ϕ200mm X-BASE DOWN
Weight	278g



X-BASE DOWN GLARELESS

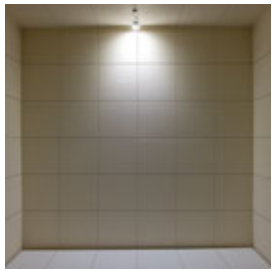
3inch (E3-F)

E3-F 5700K 10W

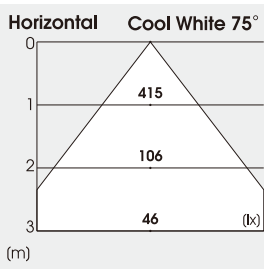
galre less Cool WHITE , 3inch

W | Rated Electric Current 350 mA

Power Consumption	10W
Lumen	597lm
Beam Angle	75°
Color Temperature	5700K
CRI	75
Weight	317g



(H:3m W:3m Grid:0.5m WD:0.5m)



4inch (E4-F)

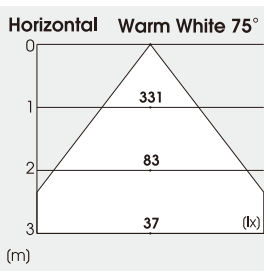
E3-F 3000K 10W

galre less Warm WHITE , 3inch

WW | Rated Electric Current 350 mA

Power Consumption	10W
Lumen	491lm
Beam Angle	75°
Color Temperature	3000K
CRI	80
Weight	317g

(H:3m W:3m Grid:0.5m WD:0.5m)



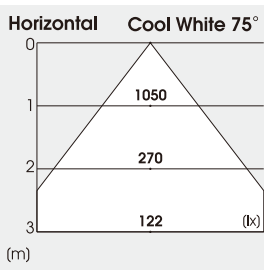
E4-F 5700K 30W

galre less Cool WHITE , 4inch

W | Rated Electric Current 550 mA

Power Consumption	30W
Lumen	1740lm
Beam Angle	75°
Color Temperature	5700K
CRI	72
Weight	687g

(H:3m W:3m Grid:0.5m WD:0.5m)



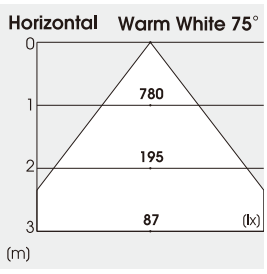
E4-F 3000K 30W

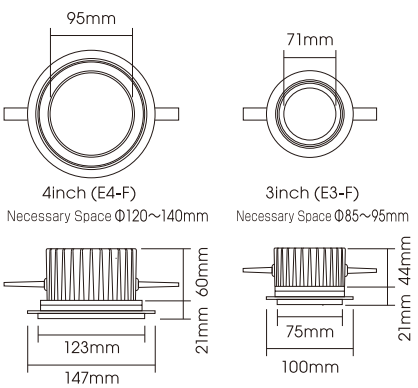
galre less Warm WHITE , 4inch

WW | Rated Electric Current 550 mA

Power Consumption	30W
Lumen	1440lm
Beam Angle	75°
Color Temperature	3000K
CRI	80
Weight	687g

(H:3m W:3m Grid:0.5m WD:0.5m)





BPHE010C351-50

(include E3) exclusive constant-current transformer 350mA

BPHE030C551-50

(include E4) exclusive constant-current transformer 550mA

LED GENERAL LIGHTING PRODUCTS

X-BEACON (R)

W IP65 Rated Electric Current 1050mA OUTDOOR

EF-F-CC10-4-W1
Cool WHITE , Beam Angle10°

EF-F-CC45-4-W1
Cool WHITE , Beam Angle45°

EF-F-CCC0-4-W1
Cool WHITE , Beam Angle110°

Power Consumption	30W
Lumen	2,100lm
Beam Angle	10° , 45° , 110°
Color Temperature	5,000K ～ 7,000K
CRI	76
Weight	1,300g

Ww IP65 Rated Electric Current 1050mA OUTDOOR

EF-F-CW10-4-W1
Warm WHITE , Beam Angle10°

EF-F-CW45-4-W1
Warm WHITE , Beam Angle45°

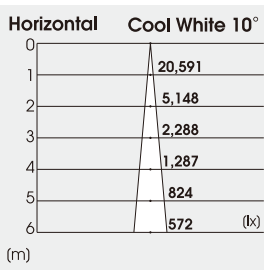
EF-F-CWC0-4-W1
Warm WHITE , Beam Angle110°

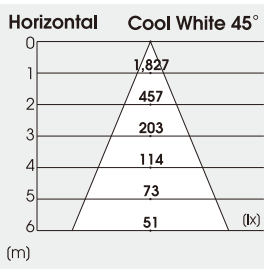
Power Consumption	30W
Lumen	1,600lm
Beam Angle	10° , 45° , 110°
Color Temperature	2,700K ～ 3,200K
CRI	82
Weight	1,300g

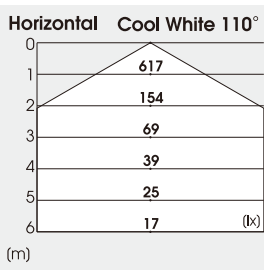
BPCE03C112-P2
(include) exclusive constant-current transformer 1,050mA

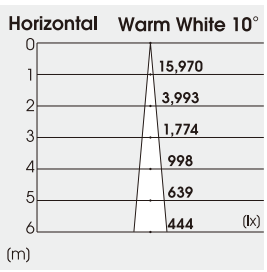
AC 100V ~200V IP67 OUTDOOR PSE

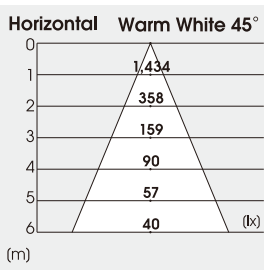
Weight	700g
Other	IP67

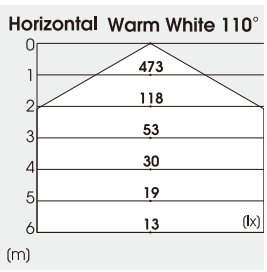




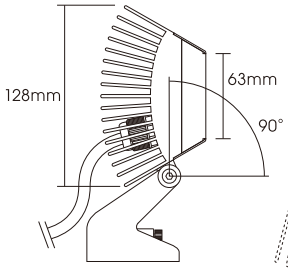




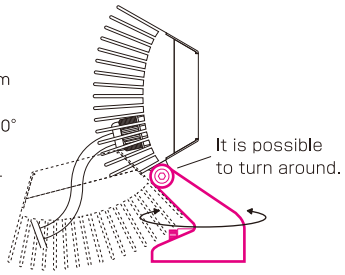




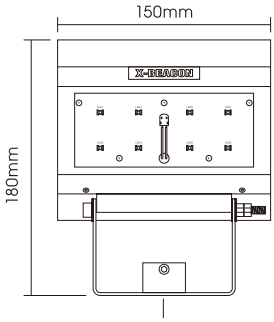
(H:3m W:3m Grid:0.5m WD:0.5m)



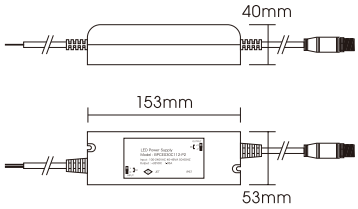
Default(Shipping Status)



Changing the lamp orientation



Fixing holes for the arms Φ21mm



Rates Electric Current Transformer
(BPCE03C112-P2)
1,050mA

X-FLOOD

3 modules

1 module

2 modules

HG-F-CCT2-7-1

Cool WHITE , 1 module

Power Consumption	28.8W
Lumen	2,246lm
Beam Angle	110° × 40°
Color Temperature	4745K ~ 6020K
CRI	75
Weight	2,500g
Size	W300 × H255 × D100

HG-F-CWT2-7-1

Warm WHITE , 1 module

Power Consumption	28.8W
Lumen	1,814lm
Beam Angle	110° × 40°
Color Temperature	2580K ~ 3220K
CRI	80
Weight	2,500g
Size	W300 × H255 × D100

HG-F-CCT2-7-2

Cool WHITE , 2 modules

Power Consumption	57.7W
Lumen	4,493lm
Beam Angle	110° × 40°
Color Temperature	4745K ~ 6020K
CRI	75
Weight	4,400g
Size	W300 × H255 × D190

HG-F-CWT2-7-2

Warm WHITE , 2 modules

Power Consumption	57.7W
Lumen	3,629lm
Beam Angle	110° × 40°
Color Temperature	2580K ~ 3220K
CRI	80
Weight	4,400g
Size	W300 × H255 × D190

HG-F-CCT2-7-3

Cool WHITE , 3 modules

Power Consumption	86.5W
Lumen	6,739lm
Beam Angle	110° × 40°
Color Temperature	4745K ~ 6020K
CRI	75
Weight	5,500g
Size	W300 × H255 × D290

HG-F-CWT2-7-3

Warm WHITE , 3 modules

Power Consumption	86.5W
Lumen	5,443lm
Beam Angle	110° × 40°
Color Temperature	2580K ~ 3220K
CRI	80
Weight	5,500g
Size	W300 × H255 × D290

X-BAY LIGHT

HG-Y-CCT2-7-3

Cool WHITE

Power Consumption	86.5W
Lumen	6,739lm
Beam Angle	110° × 40°
Color Temperature	4745K ~ 6020K
Usage Environment	-30°~ 50°
CRI	75
Weight	7,900g
Size	W395 × H395 × D146 mm

HG-Y-CWT2-7-3

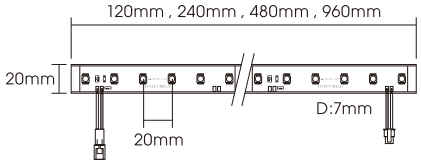
Warm WHITE

Power Consumption	86.5W
Lumen	5,443lm
Beam Angle	110° × 40°
Color Temperature	2580K ~ 3220K
Usage Environment	-30°~ 50°
CRI	80
Weight	7,900g
Size	W395 × H395 × D146 mm

LED GENERAL LIGHTING PRODUCTS

X-STAR BAR S (single)

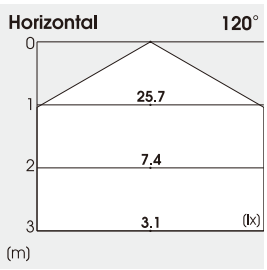
X-STAR BAR S 480mm
(H:3m W:3m Grid:0.5m WD:0.5m)



XCSB-12S-WW

Warm WHITE , 120mm

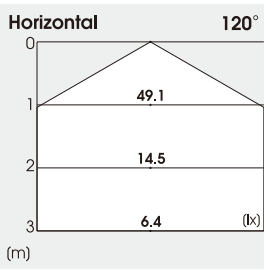
Power Consumption	1.2W / set
Lumen	67lm
Beam Angle	120°
Color Temperature	2700K
CRI	85
Weight	26g



XCSB-24S-WW

Warm WHITE , 240mm

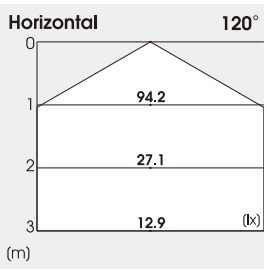
Power Consumption	2.4W / set
Lumen	157lm
Beam Angle	120°
Color Temperature	2700K
CRI	85
Weight	56g



XCSB-48S-WW

Warm WHITE , 480mm

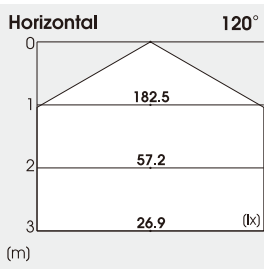
Power Consumption	4.8W / set
Lumen	269lm
Beam Angle	120°
Color Temperature	2700K
CRI	85
Weight	106g



XCSB-96S-WW

Warm WHITE , 960mm

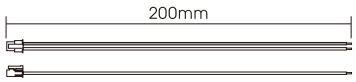
Power Consumption	9.6W / set
Lumen	538lm
Beam Angle	120°
Color Temperature	2700K
CRI	85
Weight	224g



※Connection MAX 5000mm for 1 circuit.

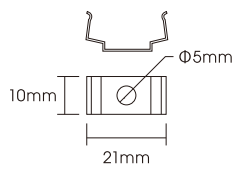
XCSB-PC-S

exclusive Power Code



XCSB-MC-S

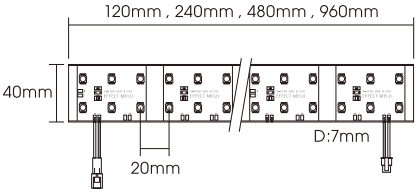
Mounting clip for X-STAR BAR S
10ea/lot



X-STAR BAR RGB Type available. → P38

X-STAR BAR D (double)

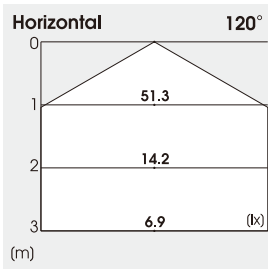
X-STAR BAR W 480mm
(H:3m W:3m Grid:0.5m WD:0.5m)



XCSB-12D-WW

Double , Warm WHITE , 120mm

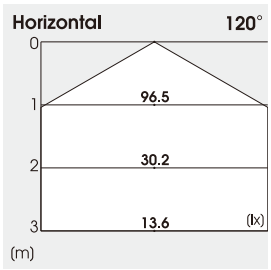
Power Consumption	2.4W / set
Lumen	134lm
Beam Angle	120°
Color Temperature	2700K
CRI	85
Weight	56g



XCSB-24D-WW

Double , Warm WHITE , 240mm

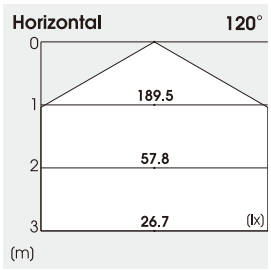
Power Consumption	4.8W / set
Lumen	270lm
Beam Angle	120°
Color Temperature	2700K
CRI	85
Weight	107g



XCSB-48D-WW

Double , Warm WHITE , 480mm

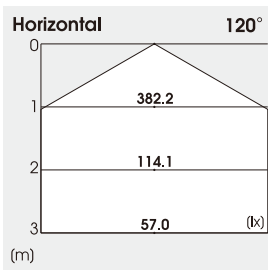
Power Consumption	9.6W / set
Lumen	538lm
Beam Angle	120°
Color Temperature	2700K
CRI	85
Weight	218g



XCSB-96D-WW

Double , Warm WHITE , 960mm

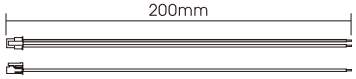
Power Consumption	19.2W / set
Lumen	1075lm
Beam Angle	120°
Color Temperature	2700K
CRI	85
Weight	432g



※Connection MAX 2400mm for 1 circuit.

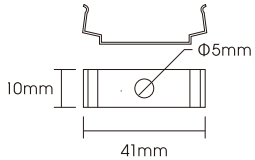
XCSB-PC-S

exclusive Power Code



XCSB-MC-D

Mounting clip for X-STAR BAR D
10ea/lot



X-STAR BAR RGB Type available. → P38

X-ECO LED PRODUCT CATALOG vol.5

LED EFFECT LIGHTING PRODUCTS

LED EFFECT LIGHTING PRODUCTS

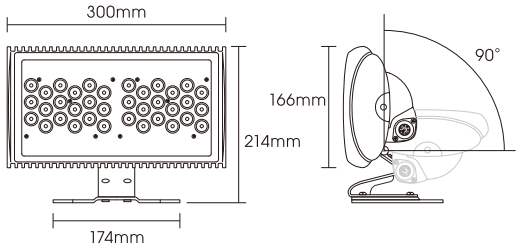
X-WASH HP+

300C-II-DC-RGBW

LED 4 colors type (RGB+W) , BLACK Body

RGB W AC 100V~240V DMX IP65 OUTDOOR

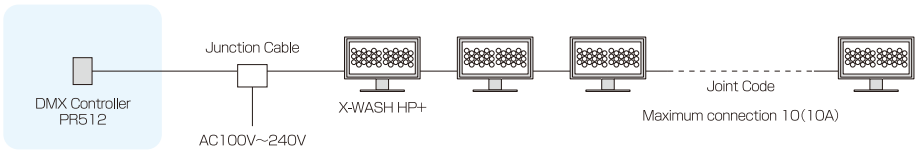
Number of LEDs	36 LEDs / High Power LED
Power Consumption	MAX 90W
Materials	Aluminum die-casting
Weight	4,500g / Built-in transformer
Usage environment	0℃~40℃ / IP65
LED Beam Angle	25°
Remarks	DMX512 / 8pin connector

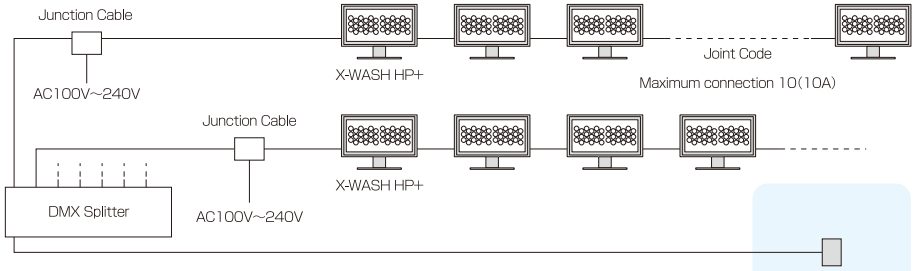


WP-CABLE-1M
Joint code 1M

JC-2
Junction cable

WP-CABLE-2M
Joint code 2M





Using a DMX splitter makes it possible to use many of X-WASH HP+ or other DMX lightings.
Also, using a AR-32 DMX recorder, preprogrammed patterns can be changed by with a AR-32 scene panel.

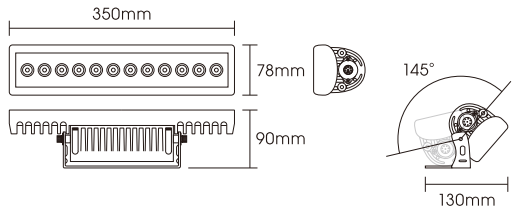
X-WASH NR

REBEL-BAR-350

BLACK Body

RGB AC 100V~240V DMX IP65 OUTDOOR

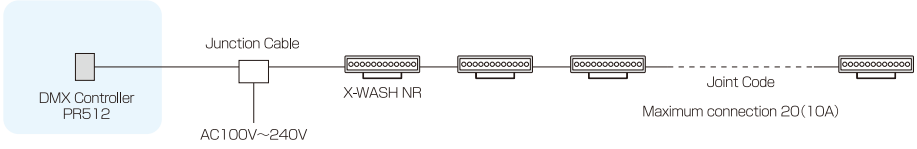
Number of LEDs	12 LEDs / High Power LED
Power Consumption	MAX 30W
Materials	Aluminum die-casting
Weight	2,100g / Built-in transformer
Usage environment	0℃~40℃ / IP65
LED Beam Angle	10×35°
Remarks	DMX512 / 8pin connector

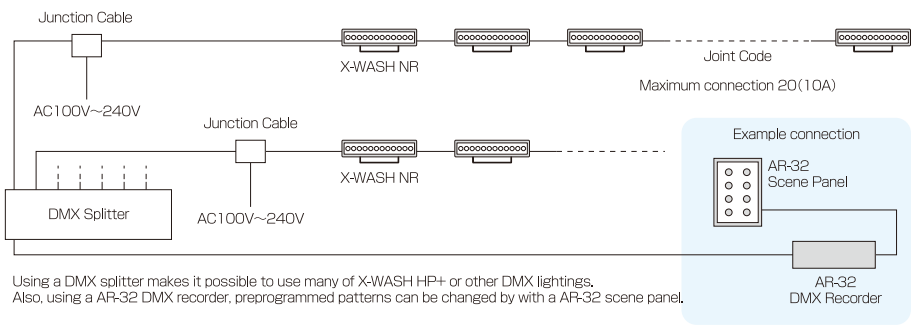


WP-CABLE-1M
Joint code 1M

JC-2
Junction cable

WP-CABLE-2M
Joint code 2M





Using a DMX splitter makes it possible to use many of X-WASH HP+ or other DMX lightings.
Also, using a AR-32 DMX recorder, preprogrammed patterns can be changed by with a AR-32 scene panel.

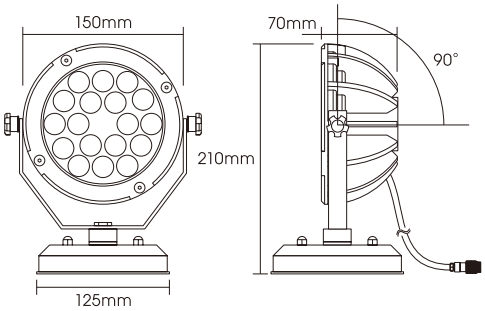
X-WASH MINI

EPL 220S RGB

WHITE Body

RGB | DC 24V | DIMMER

Number of LEDs	18LEDs / High Power LED
Power Consumption	MAX 20W
Materials	Aluminum die-casting
Weight	1,150g
Usage environment	-4℃ ~ 40℃
LED Beam Angle	15°



ECL D800 M1

Master Unit

Size	W67 × H139 × D30 mm
Remarks	Include Receiver for Remote control

ECL D800 S

Slave Unit

Size	W67 × H139 × D30 mm
Remarks	Include RS45 cable (3m)

ECL D80M

EPL-DIF

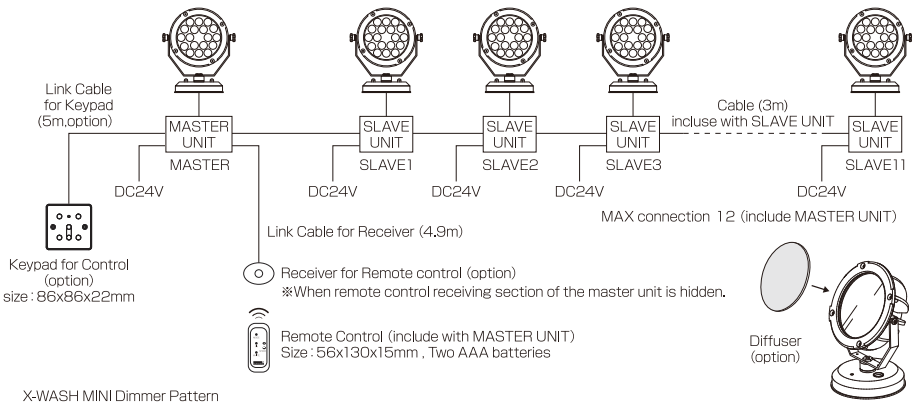
Diffuser

RJ45Link Cable

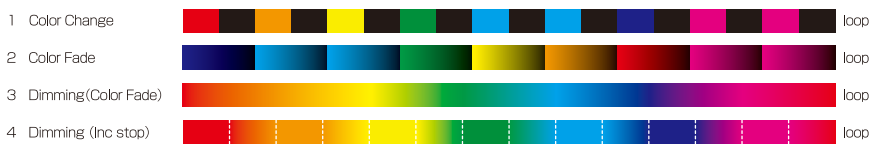
Link cable for Keypad (5m)

EPL-IR-R

Receiver for Remote control (4.9m)



X-WASH MINI Dimmer Pattern



LED EFFECT LIGHTING PRODUCTS

X-AQUA II

X-AQUA II-30W-RGB

30W RGB Underwater lighting

RGB | DC 15V ~30V | IP68 | WATER | DIMMER

Number of LEDs	R×12 , G×8 , B×8 LEDs
Power Consumption	MAX 30W
Materials	Aluminum (aluminum die casting)
Weight	150g + 580g
Usage environment	-20℃ ~ 40℃ / IP68
LED Beam Angle	Round Lenses 90° Flat Lenses 130°

X-AQUA II-50W-WHITE

50W WHITE Underwater lighting

W | DC 22V ~30V | IP68 | WATER | DIMMER

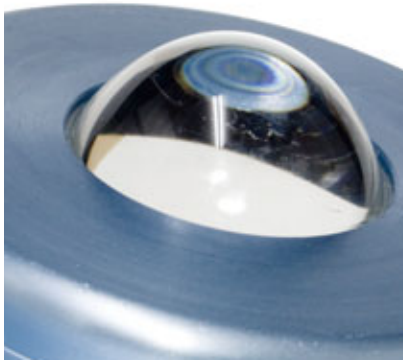
Number of LEDs	36 LEDs
Power Consumption	50W
Materials	Aluminum (aluminum die casting)
Weight	150g + 580g
Usage environment	-20℃ ~ 40℃ / IP68
LED Beam Angle	Round Lenses 90° Flat Lenses 130°

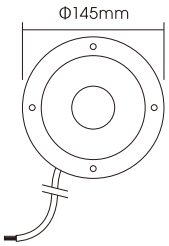
X-AQUA II-50W-BLUE

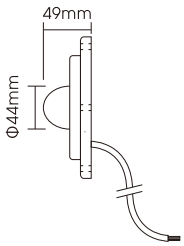
50W BLUE Underwater lighting

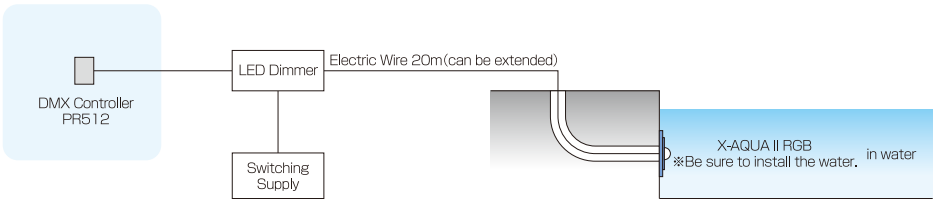
Blue | DC 22V ~30V | IP68 | WATER | DIMMER

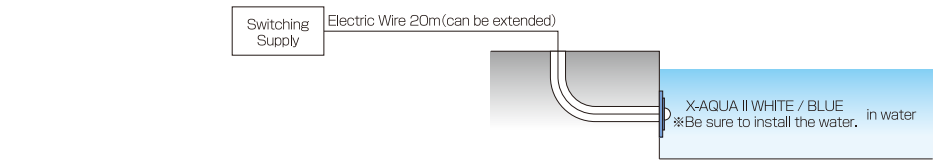
Number of LEDs	36 LEDs
Power Consumption	50W
Materials	Aluminum (aluminum die casting)
Weight	150g + 580g
Usage environment	-20℃ ~ 40℃ / IP68
LED Beam Angle	Round Lenses 90° Flat Lenses 130°



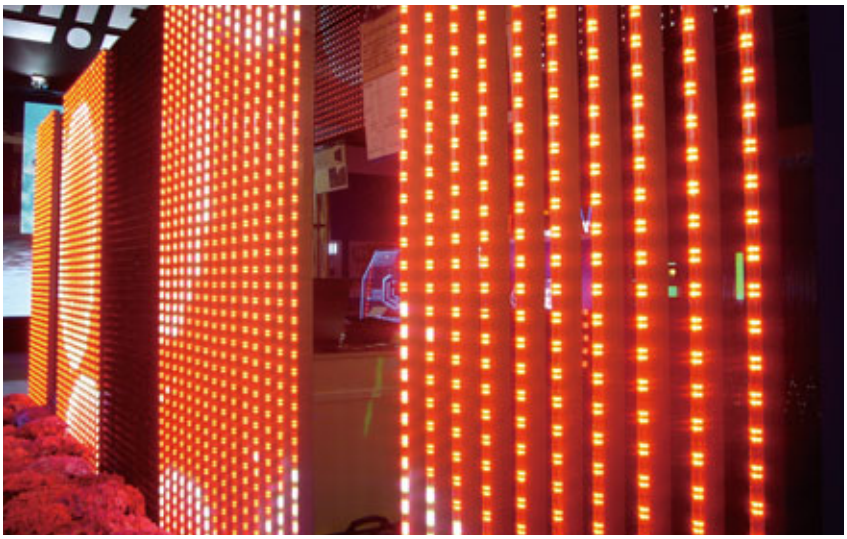








X-CURTAIN 2000



X-CURTAIN-2000

Full Color (Slit)

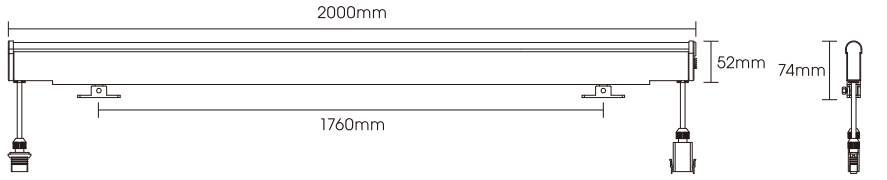
Number of LEDs	250 LEDs
Power Consumption	MAX 24W
Materials	Aluminum die casting, UV-resistant polycarbonate
Weight	2,000g
Usage environment	0℃ ~ 50℃ / IP65
LED Beam Angle	100° × 45°
Remarks	Auto DMX Address 40mm pitch , 50 dots

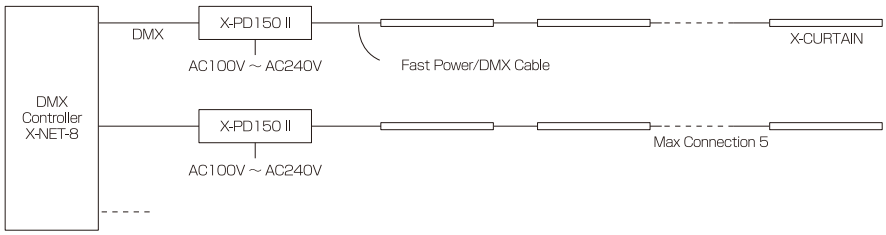
X-PD150 II

Power & Data Distribution BOX
Weight : 2.4kg , W297.5 × H154 × D75.2 mm

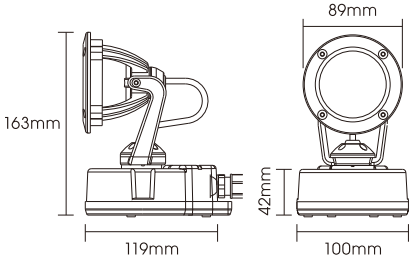
XCU-PW-CABLE

First Power/ DMX Cable





X-COLOR RAY



Color Ray 3x3W RGB

Full Color

Number of LEDs	3 LEDs / 3W High Power LED
Power Consumption	MAX 9.3W
Materials	Aluminum die casting
Weight	845g
Usage environment	-20℃ ~ 50℃ / IP65
LED Beam Angle	25°

Color Ray 3x3W Cool WHITE

WHITE

Number of LEDs	3 LEDs / 3W High Power LED
Power Consumption	9.3W
Materials	Aluminum die casting
Weight	845g
Usage environment	-20℃ ~ 50℃ / IP65
LED Beam Angle	25°

Color Ray 3x3W Warm WHITE

Warm WHITE

Number of LEDs	3 LEDs / 3W High Power LED
Power Consumption	9.3W
Materials	Aluminum die casting
Weight	845g
Usage environment	-20℃ ~ 50℃ / IP65
LED Beam Angle	25°

DC-WP-CABLE-PW

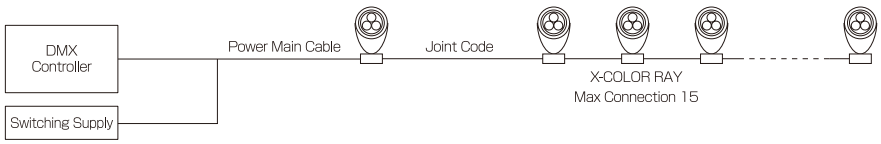
Power main cable

DC-WP-CABLE-1M

Joint Code 1m

DC-WP-CABLE-2M

Joint Code 2m



LED EFFECT LIGHTING PRODUCTS

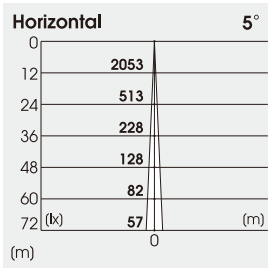
X-CITY WASH 600

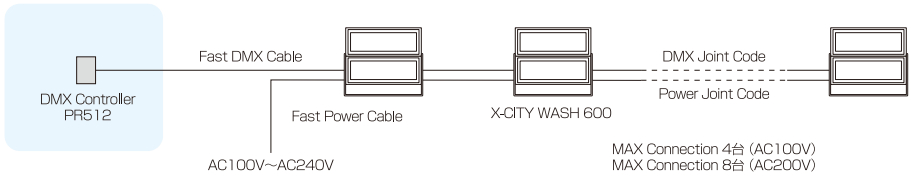
REBEL-BAND-600-RGB

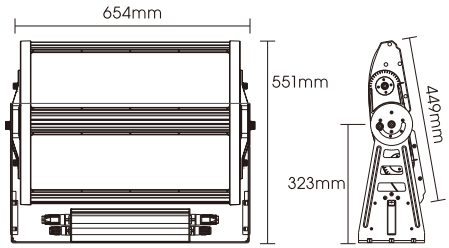
BLACK Body

RGB · AC 100V~240V · DMX · IP65 · OUTDOOR

Number of LEDs	104 LEDs
Power Consumption	MAX 270W
Materials	Aluminum die casting
Weight	19,000g / Built-in transformer
Usage environment	-20℃ ~ 50℃ / IP65
LED Beam Angle	5°
Remarks	DMX512 / 5pin connector







XC-PW-JC

Power Joint code (3pin)

XC-PW-FT

Fast Power cable (UL3P) 1,600mm

XC-WP-CABLE-2M

DMX Joint Cable (5pin) , 2m

XC-WP-CABLE-DMX

Fast DMX Cable

X-DOME

X-DOME-CLEARNESS-DMX

Clear Lens TYPE

RGB · DC 24V · DMX · IP65 · OUTDOOR

Number of LEDs	6 LEDs / SMD TYPE LED
Power Consumption	MAX 2W
Materials	Plastic
Weight	85g
Usage environment	-10℃ ~ 50℃ / IP65
LED Beam Angle	112°
Remarks	DMX512 / 5pin connector DMX Auto Address

X-DOME-MILKY WHITE-DMX

Milky Lens TYPE

RGB · DC 24V · DMX · IP65 · OUTDOOR

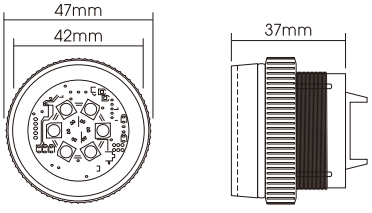
Number of LEDs	6 LEDs / SMD TYPE LED
Power Consumption	MAX 2W
Materials	Plastic
Weight	85g
Usage environment	-10℃ ~ 50℃ / IP65
LED Beam Angle	115°
Remarks	DMX512 / 5pin connector DMX Auto Address

X-DOME-DIFFUSE-DMX

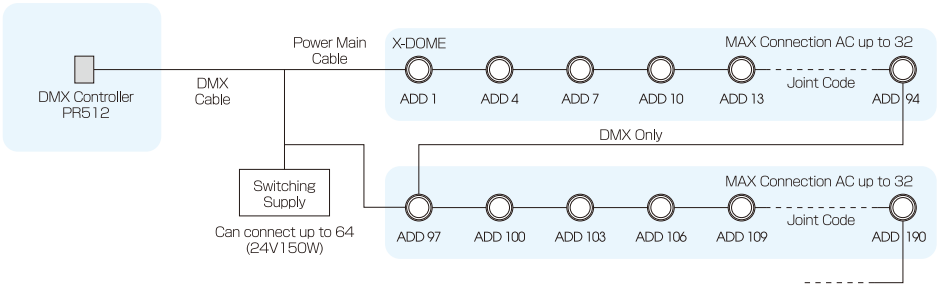
Frost Lens TYPE

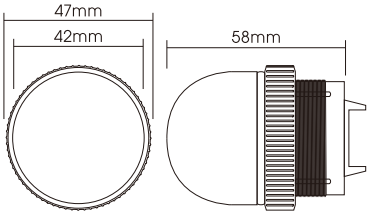
RGB · DC 24V · DMX · IP65 · OUTDOOR

Number of LEDs	6 LEDs / SMD TYPE LED
Power Consumption	MAX 2W
Materials	Plastic
Weight	65g
Usage environment	-10℃ ~ 50℃ / IP65
LED Beam Angle	45°
Remarks	DMX512 / 5pin connector DMX Auto Address



Clear Lens TYPE / Milky Lens TYPE





Frost Lens TYPE

XD-JC-100

Joint code 100mm

XD-JC-300

Joint code 300mm

XD-JC-1M

Joint code 1m

XD-PW-30

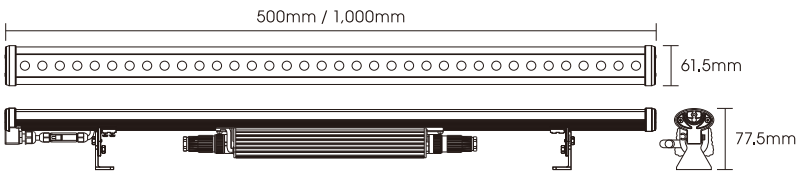
Power Main Cable 300mm

XD-PW-1M

Power Main Cable 1m

X-BAR HIP65

500mm TYPE



REBEL-BAR-HIP65-AC-500-RGB

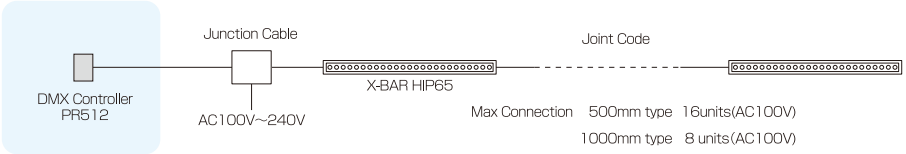
AC TYPE , L=500mm

Number of LEDs	18 LEDs / High Power LED
Power Consumption	MAX 40W
Materials	Aluminum die casting
Weight	1,100g / Built-in transformer
Usage environment	-20℃ ~ 50℃ / IP65
LED Beam Angle	35°
Remarks	DMX512 / 8pin connector

REBEL-BAR-HIP65-AC-1000-RGB

AC TYPE , L=1,000mm

Number of LEDs	36 LEDs / High Power LED
Power Consumption	MAX 80W
Materials	Aluminum die casting
Weight	2,300g / Built-in transformer
Usage environment	-20℃ ~ 50℃ / IP65
LED Beam Angle	35°
Remarks	DMX512 / 8pin connector



WP-CABLE-1M

Joint Code 1m

WP-CABLE-2M

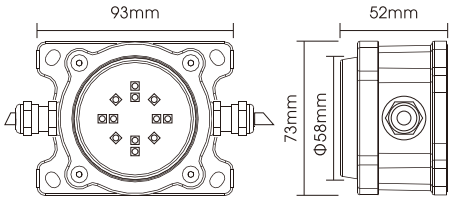
Joint Code 2m

JC-2

Junction cable

LED EFFECT LIGHTING PRODUCTS

X-BALL SMD

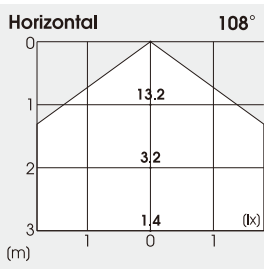


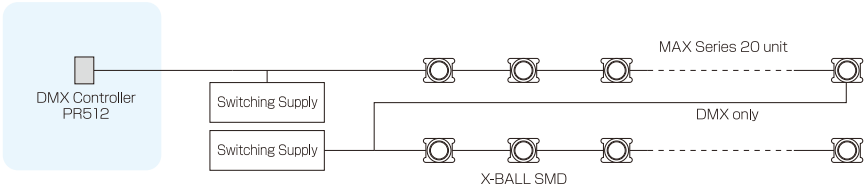
X-BALL-MX III

BLACK Body

RGB · DC 24V · DMX · IP65 · OUTDOOR

Number of LEDs	12 LEDs / SMD TYPE LED
Power Consumption	MAX 2.5W
Materials	Aluminum die casting
Weight	300g
Usage environment	-10℃ ~ 50℃ / IP65
LED Beam Angle	108°
Remarks	5-pin waterproof connector





DC-WP-CABLE-PW

Power main cable

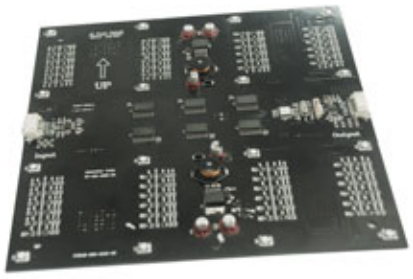
DC-WP-CABLE-1M

Joint Code 1m

DC-WP-CABLE-2M

Joint Code 2m

X-PUZZLE

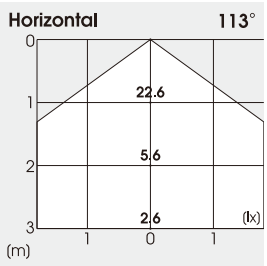


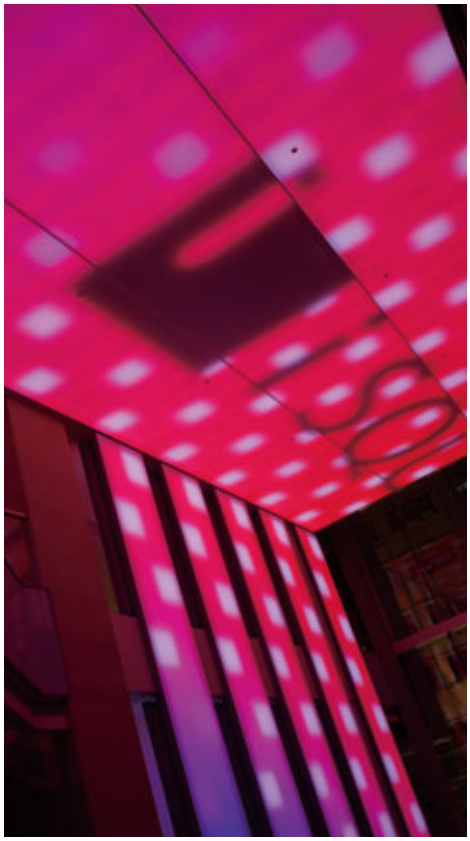
X-Puzzle-Image

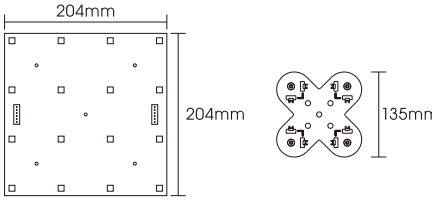
4×4px LED Panel

RGB · DC 24V · DMX

Number of LEDs	16 LEDs / SMD TYPE LED
Power Consumption	MAX 6W
Materials	PCB
Weight	120g
Usage environment	-10℃ ~ 50℃
LED Beam Angle	113°
Remarks	6pin connector , DMX Auto Address

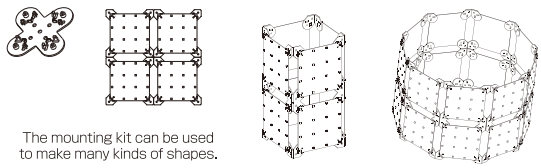




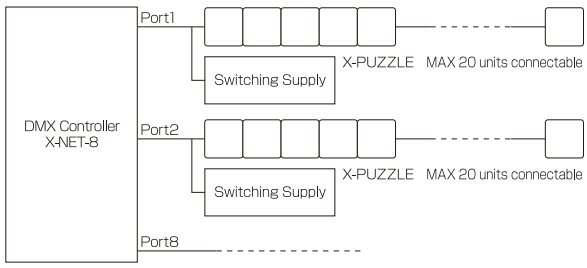


MOUNTING-KIT

exclusive Mounting Kit
size 135 × 135 mm



The mounting kit can be used to make many kinds of shapes.



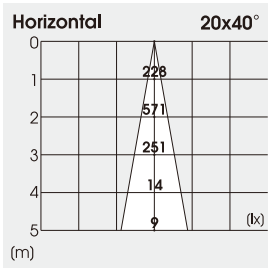
X-CHIP HP

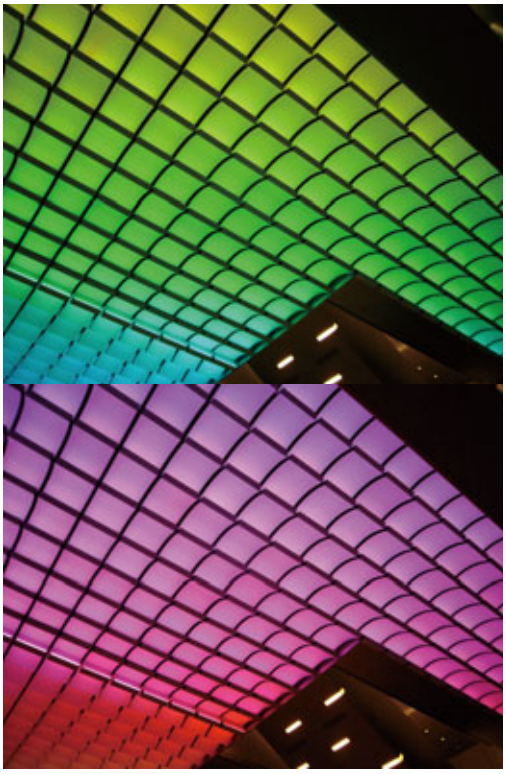
Rebel-Chip-WL-RGB

High Power LED Full Color

RGB | Rated Electric Current 350mA | DMX

Number of LEDs	3 LEDs / High Power LED
Power Consumption	MAX 3.8W
Materials	Polycarbonate
Weight	50g / unit
Usage environment	0℃ ~ 50℃
LED Beam Angle	20×40°

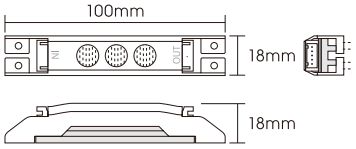




Rebel-Chip-Driver

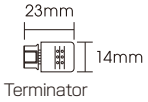
Driver for X-CHIP HP

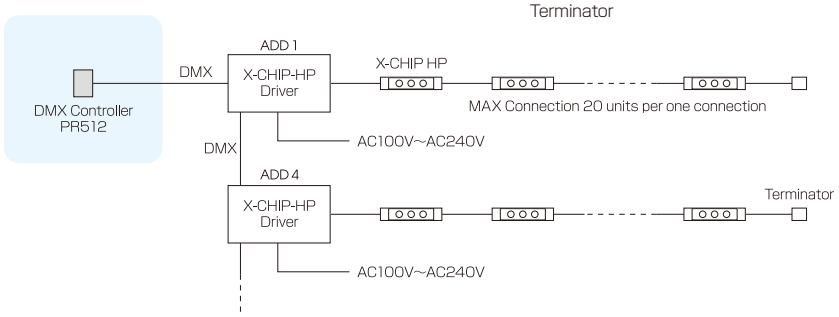
Weight	800g
Remarks	DMX512 3pin Input socket DMX512 3pin Output socket



Rebel-Chip-Terminator

Terminator (Needs to be installed at the end.)





EX-P10

Extension Code 100mm

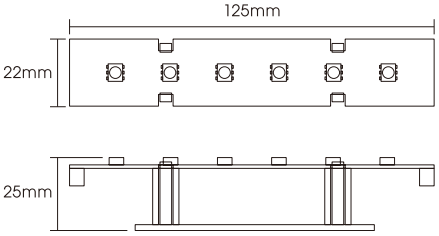
EX-P20

Extension Code 200mm

EX-P50

Extension Code 500mm

X-CHIP II



CL-125PCB-M

X-CHIP II MASTER

RGB | DC 24V | DMX

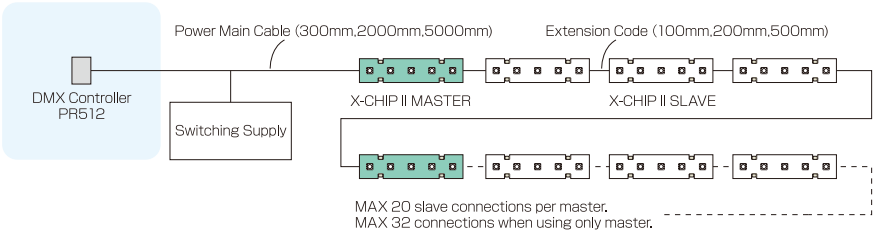
Number of LEDs	6 LEDs/ SMD TYPE LED
Power Consumption	MAX 1.7W
Materials	PCB
Weight	30g
Usage environment	0℃~40℃
LED Beam Angle	120°

CL-125PCB-S

X-CHIP II SLAVE

RGB | DC 24V | DMX

Number of LEDs	6LEDs / SMD TYPE LED
Power Consumption	MAX 1.4W
Materials	PCB
Weight	11g
Usage environment	0℃~40℃
LED Beam Angle	120°



EX-PII10

Extension Code 100mm

EX-PII20

Extension Code 200mm

EX-PII50

Extension Code 500mm

EX-PM30

Power Main Cable 300mm

EX-PM200

Power Main Cable 2000mm

EX-PM500

Power Main Cable 5000mm

LED EFFECT LIGHTING PRODUCTS

X-STAR BAR RGB

XCSB-12S-RGB

Full Color , 120mm

Power Consumption	MAX 1.2W / set
Lumen	25lm
Beam Angle	120°
Weight	26g

XCSB-48S-RGB

Full Color , 480mm

Power Consumption	MAX 4.8W / set
Lumen	98lm
Beam Angle	120°
Weight	106g

XCSB-24S-RGB

Full Color , 240mm

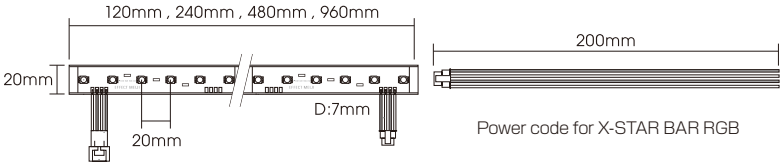
Power Consumption	MAX 2.4W / set
Lumen	49lm
Beam Angle	120°
Weight	56g

XCSB-96S-RGB

Full Color , 960mm

Power Consumption	MAX 9.6W / set
Lumen	197lm
Beam Angle	120°
Weight	224g

※Connection MAX 5000mm for 1 circuit.



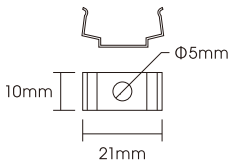
Power code for X-STAR BAR RGB

XCSB-PC-RGB

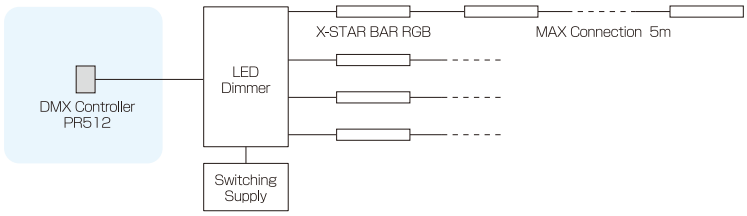
Power code for X-STAR BAR RGB

XCSB-MC-S

Mounting clip for X-STAR BAR S
10ea/lot



Mounting Clip



X-STAR BAR Warm WHITE Type → P26,27

X-STREAM

CLM-3836-FC-6S-1S

RGB for 1 unit automatically , Full Color

Number of LEDs	6 LEDs / SMD TYPE LED
Power Consumption	MAX 1.44W / LED
Materials	Polycarbonate
Weight	50g / LED
Usage environment	0℃ ~ 40℃ / IP65
LED Beam Angle	120°
Remarks	Pitch 150mm

CLM-3836-CW-6S-1S

RGB for 1 unit automatically , White

Number of LEDs	6 LEDs / SMD TYPE LED
Power Consumption	MAX 1.44W / LED
Materials	Polycarbonate
Weight	50g / LED
Usage environment	0℃ ~ 40℃ / IP65
LED Beam Angle	120°
Remarks	Pitch 150mm

CLM-CAP

X-STREAM Dome Cap

Materials	Polycarbonate
Weight	4g

LDC-MCU-1P

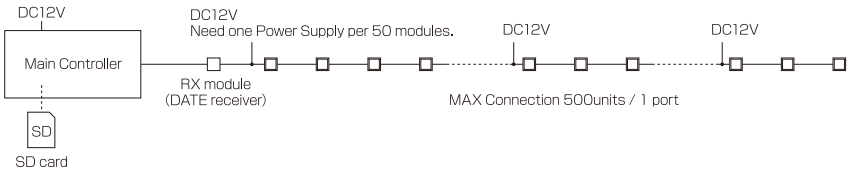
Main Controler 1 port

LDC-MCU-3P

Main Controler 3 port

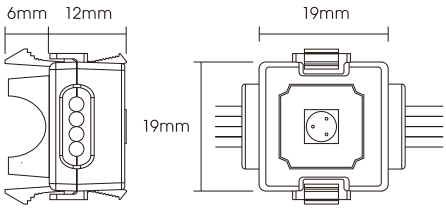
LDC-MODULE

RX module



X-PIXEL

X-PIXEL



X-PIXEL

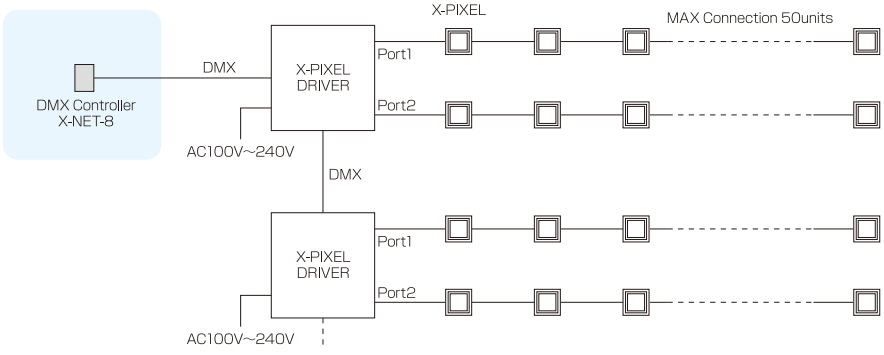
RGB for 1 unit automatically , Full Color

Number of LEDs	1 LED / SMD TYPE LED
Power Consumption	MAX 0.5W / LED
Materials	Polycarbonate
Weight	50g / LED
Usage environment	-20℃~70℃ / IP65
LED Beam Angle	120°
Remarks	Auto DMX Address Pitch 300mm

X-PIXEL DRIVER

DRIVER

Weight	2,000g
Size	W143.6 × L327.6 × H70 mm
Remarks	2 port output per one unit



X-ECO LED PRODUCT CATALOG vol.5

LED PRODUCTS for SIGN&DISPLAY

LED PRODUCTS for SIGN&DISPLAY

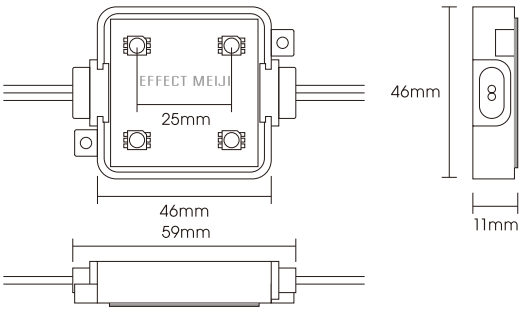
X-STAR CHANNEL 100 4S

XAC04-W

AC Direct connection type , 4S , Cool WHITE

W AC 100V ~240V OUTDOOR

Power Consumption	0.9W / 1 module
LED	4 LEDs / SMD TYPE LED
Color Temperature	9000K
Connection MAX	200 modules
Pitch	165mm (Center to Center)
Cut Range	1 module
Weight	55g / 1 module
Lot	50 modules



※Do not install in an outdoor-exposed location.

WHITE

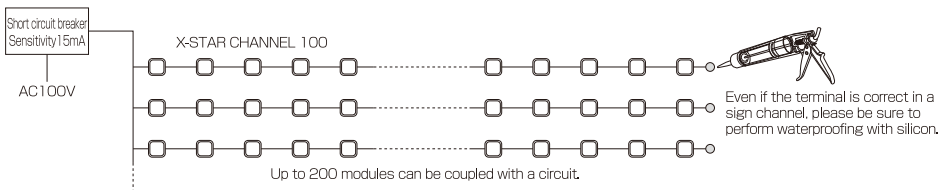
XAC04-WW

AC Direct connection type , 4S , Warm WHITE

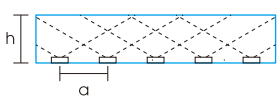
WW AC 100V ~240V OUTDOOR

Power Consumption	0.9W / 1 module
LED	4 LEDs / SMD TYPE LED
Color Temperature	2700K ~ 3000K
Connection MAX	200 modules
Pitch	165mm (Center to Center)
Cut Range	1 module
Weight	55g / 1 module
Lot	50 modules

Warm WHITE


Short circuit breaker
Sensitivity 15mA
AC100V
X-STAR CHANNEL 100
Even if the terminal is correct in a sign channel, please be sure to perform waterproofing with silicon.
Up to 200 modules can be coupled with a circuit.

X-STAR CHANNEL 100 Placement Sheet



Height of Sign Channel (h)	Pitch for modules
80mm	70mm
100mm	100mm
120mm	120mm
200mm	150mm

※In the case of R shape, please shorten module pitch by 10%.

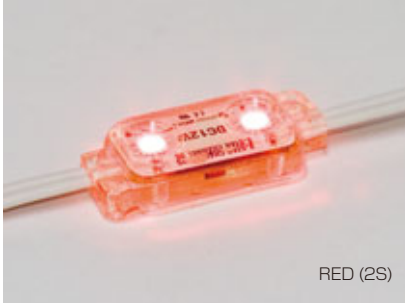
X-STAR CHANNEL 2S , 4S

2S

4S

WHITE (2S)

Warm WHITE (2S)



RED (2S)

XC02-W

2S , Cool WHITE

W DC 12V OUTDOOR DIMMER

Power Consumption	0.54W / 1 module
LED	2 LEDs / SMD TYPE LED
Color Temperature	9000K
Connection MAX	50 modules
Pitch	135mm (Center to Center)
Cut Range	1 module
Weight	12g / 1 module
Lot	50 modules

XC04-W

4S , Cool WHITE

W DC 12V OUTDOOR DIMMER

Power Consumption	1.08W / 1 module
LED	4 LEDs / SMD TYPE LED
Color Temperature	9000K
Connection MAX	50 modules
Pitch	150mm (Center to Center)
Cut Range	1 module
Weight	20g / 1 module
Lot	50 modules

XC02-WW

2S , High Color rendering Warm WHITE

WW DC 12V OUTDOOR DIMMER

Power Consumption	0.54W / 1 module
LED	2 LEDs / SMD TYPE LED
Color Temperature	3600K , High Color rendering (CRI 85)
Connection MAX	50 modules
Pitch	135mm (Center to Center)
Cut Range	1 module
Weight	12g / 1 module
Lot	50 modules

XC04-WW

4S , High Color rendering Warm WHITE

WW DC 12V OUTDOOR DIMMER

Power Consumption	1.08W / 1 module
LED	4 LEDs / SMD TYPE LED
Color Temperature	3600K , High Color rendering (CRI 85)
Connection MAX	50 modules
Pitch	150mm (Center to Center)
Cut Range	1 module
Weight	20g / 1 module
Lot	50 modules

XC02-R

2S , RED

Red DC 12V OUTDOOR DIMMER

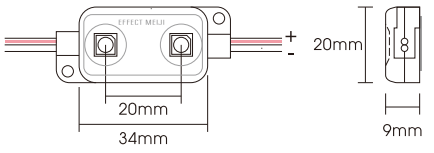
Power Consumption	0.42W / 1 module
LED	2 LEDs / SMD TYPE LED
Color Temperature	RED
Connection MAX	50 modules
Pitch	135mm (Center to Center)
Cut Range	1 module
Weight	12g / 1 module
Lot	50 modules

XC04-R

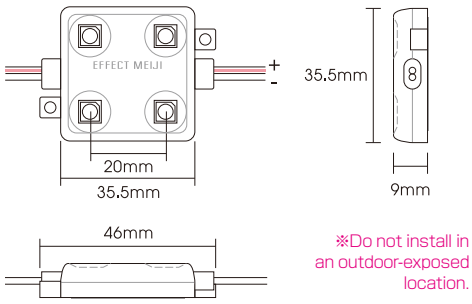
4S , RED

Red DC 12V OUTDOOR DIMMER

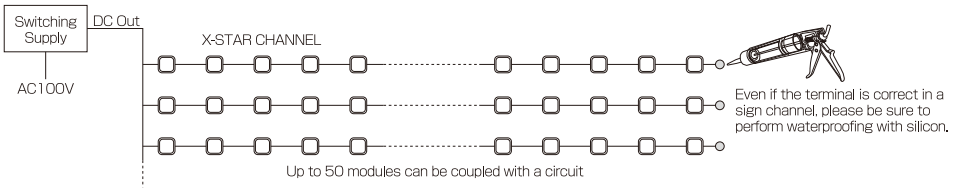
Power Consumption	0.72W / 1 module
LED	4 LEDs / SMD TYPE LED
Color Temperature	RED
Connection MAX	50 modules
Pitch	150mm (Center to Center)
Cut Range	1 module
Weight	20g / 1 module
Lot	50 modules



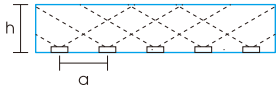
※Do not install in an outdoor-exposed location.



※Do not install in an outdoor-exposed location.


Switching Supply
DC Out
AC100V
X-STAR CHANNEL
Even if the terminal is correct in a sign channel, please be sure to perform waterproofing with silicon.
Up to 50 modules can be coupled with a circuit

X-STAR CHANNEL 100 Placement Sheet



Height of Sign Channel (h)	Pitch for modules (a)
80mm	70mm
100mm	100mm
120mm	120mm
200mm	150mm

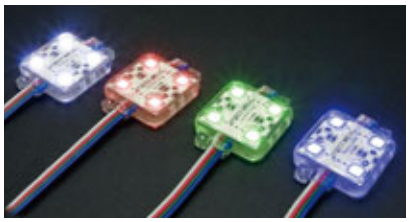
※In the case of R shape, please shorten module pitch by 10%.

LED PRODUCTS for SIGN&DISPLAY

X-STAR CHANNEL 2S RGB , 4S RGB

2S

4S

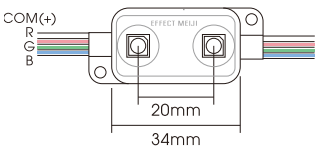


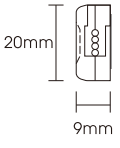
XRGBC02

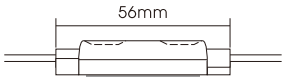
2S , Full Color

RGB DC 12V OUTDOOR DIMMER

Power Consumption	MAX 0.72W / 1 module
LED	2 LEDs / SMD TYPE LED
Color Temperature	Full Color
Connection MAX	50 modules
Pitch	135mm (Center to Center)
Cut Range	1 module
Weight	10g / 1 module
Lot	50 modules







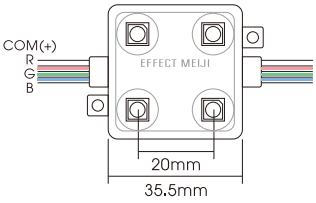
※Do not install in an outdoor-exposed location.

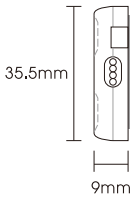
XRGBC04

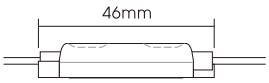
4S , Full Color

RGB DC 12V OUTDOOR DIMMER

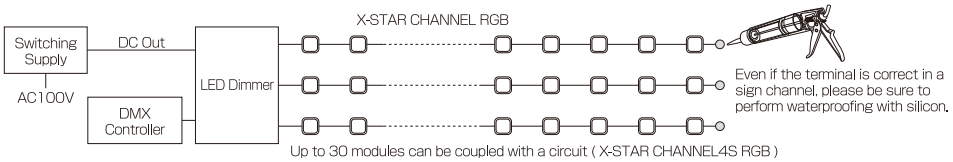
Power Consumption	MAX 1.44W / 1 module
LED	4 LEDs / SMD TYPE LED
Color Temperature	Full Color
Connection MAX	30 modules
Pitch	150mm (Center to Center)
Cut Range	1 module
Weight	20g / 1 module
Lot	30 modules







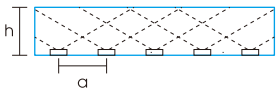
※Do not install in an outdoor-exposed location.



Even if the terminal is correct in a sign channel, please be sure to perform waterproofing with silicon.

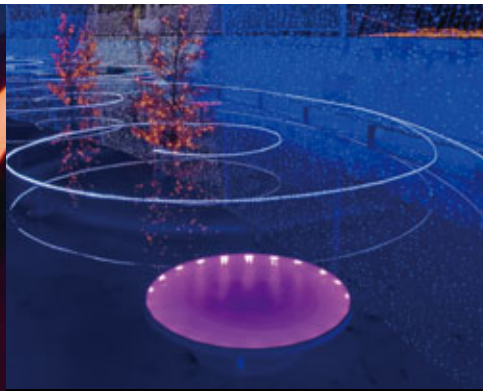
Up to 30 modules can be coupled with a circuit (X-STAR CHANNEL4S RGB)

X-STAR CHANNEL RGB Placement Sheet



Height of Sign Channel (h)	Pitch for modules (a)
80mm	70mm
100mm	100mm
120mm	120mm
200mm	150mm

※In the case of R shape, please shorten module pitch by 10%.



X-CHANNEL HP

H441W-N1-12S

WHITE

W DC 12V OUTDOOR

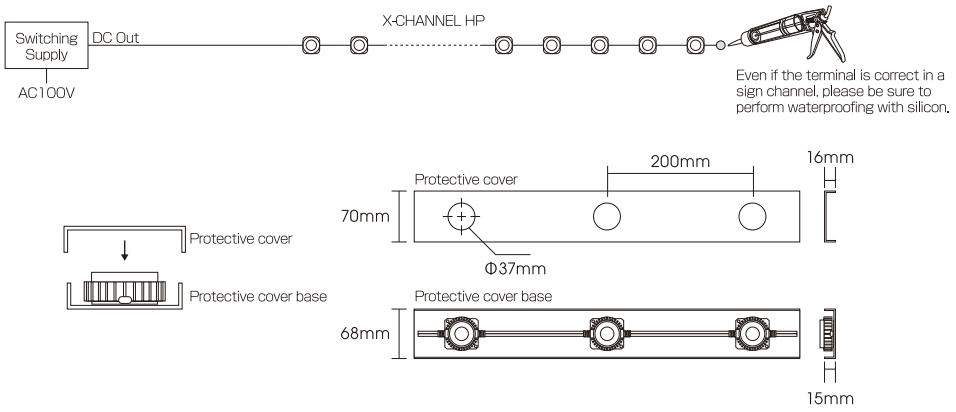
Power Consumption	1.6W / 1 module
LED	1灯 / SMD TYPE LED
Color Temperature	5,000K ～ 8,000K
Connection MAX	40 modules
Pitch	200mm (Center to Center)
Cut Range	1 module
Weight	40g / 1 module
Lot	24 modules

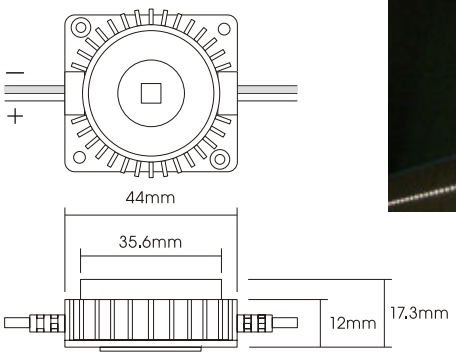
H441WW-N1-12S

Warm WHITE

WW DC 12V OUTDOOR

Power Consumption	1.6W / 1 module
LED	1灯 / SMD TYPE LED
Color Temperature	2,800K ～ 4,600K
Connection MAX	40 modules
Pitch	200mm (Center to Center)
Cut Range	1 module
Weight	40g / 1 module
Lot	24 modules

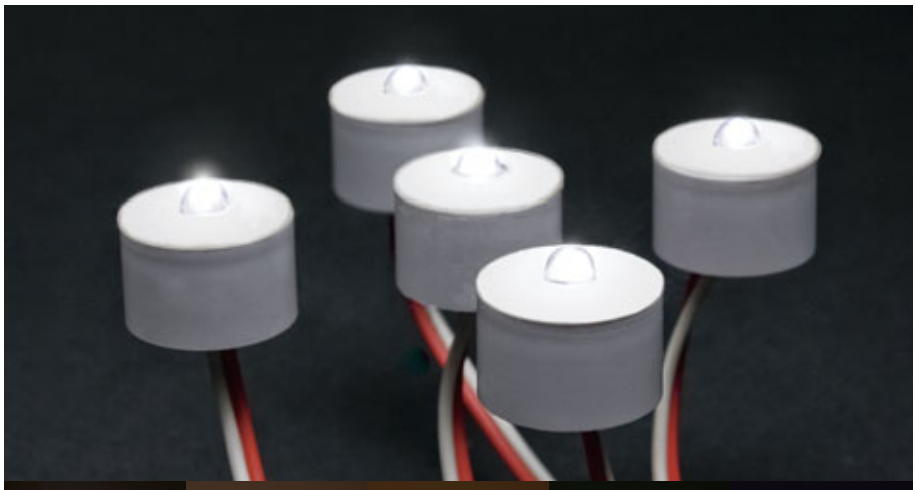


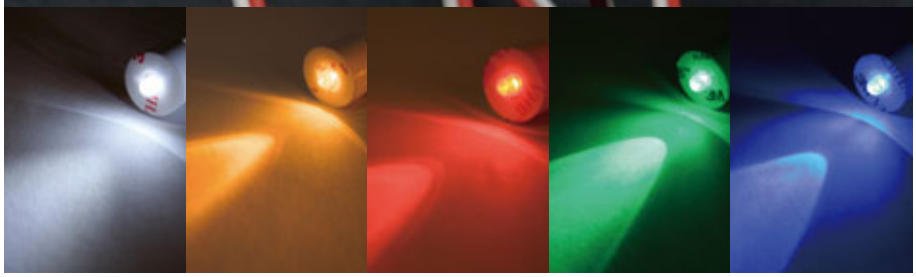


※Do not install wiring in an outdoor-exposed.

LED PRODUCTS for SIGN&DISPLAY

X-STAR DOT





XDOT01-W

WHITE

W | DC 12V | OUTDOOR | DIMMER

Power Consumption	0.24W / 1 module
LED	1 LED
Color Temperature	6,500K
Connection MAX	50 modules
Pitch	120mm (Center to Center)
Cut Range	1 module
Weight	5g / 1 module
Lot	50 modules

XDOT01-WW

semi-order

Warm WHITE , Color Temperature 3,000K

XDOT01-R

semi-order

RED

XDOT01-G

semi-order

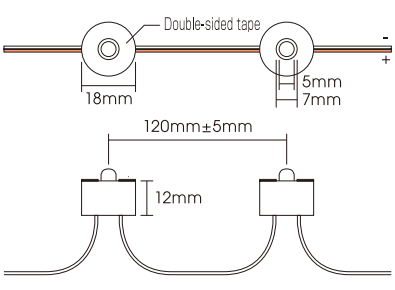
GREEN

XDOT01-B

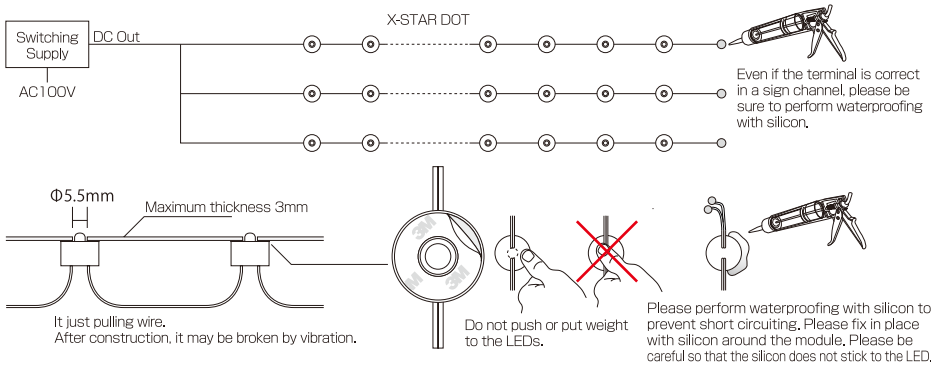
semi-order

BLUE

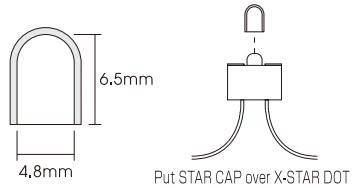
Different colors available (special order).
STAR CAP (see next page) can be used to change LED colors.



※Do not install wiring in an outdoor-exposed.


Switching Supply
DC Out
AC100V
X-STAR DOT
Even if the terminal is correct in a sign channel, please be sure to perform waterproofing with silicon.
Φ5.5mm
Maximum thickness 3mm
It just pulling wire.
After construction, it may be broken by vibration.
Do not push or put weight to the LEDs.
Please perform waterproofing with silicon to prevent short circuiting. Please fix in place with silicon around the module. Please be careful so that the silicon does not stick to the LED.

STAR CAP



X-SC-5-W semi-order
WHITE

Materials	Silicone Rubber
Lot	100 modules

X-SC-5-WW semi-order
Warm WHITE

Materials	Silicone Rubber
Lot	100 modules

X-SC-5-R semi-order
RED

Materials	Silicone Rubber
Lot	100 modules

X-SC-5-G semi-order
GREEN

Materials	Silicone Rubber
Lot	100 modules

X-SC-5-B semi-order
BLUE

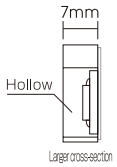
Materials	Silicone Rubber
Lot	100 modules

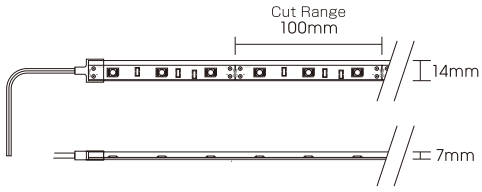
X-RIBBON

XRB-50-WW
Warm WHITE , L=5,000mm

Ww DC 12V DIMMER

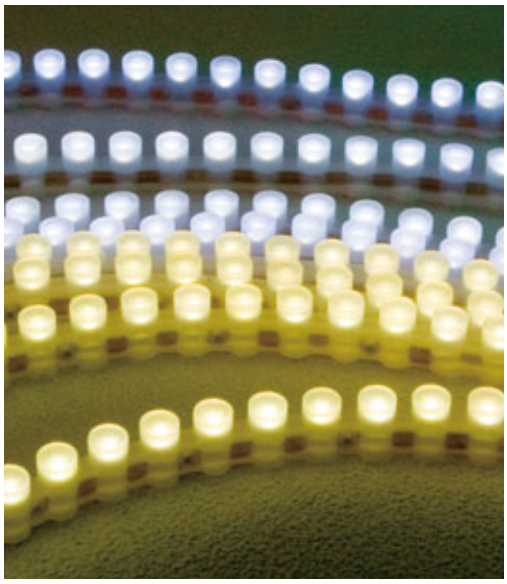
Power Consumption	6W / m
Number of LEDs	150 LEDs
Color Temperature	2300K
Beam Angle	100°
LED Pitch	34mm (Center to Center)
Cut Range	100mm
Weight	325g / 1 module
Materials	PVC





LED PRODUCTS for SIGN&DISPLAY

X-CHANNEL FLEX



SL-48-12V-W

WHITE , 48 LEDs

Power Consumption	3.26W
Number of LEDs	48灯 / set
Color	WHITE
Connection MAX	8set
LED Pitch	10mm (Center to Center)
Cut Range	3 LEDs
Weight	32g / 1set
Materials	Silicone

SL-96-12V-W

WHITE , 96 LEDs

Power Consumption	6.4W
Number of LEDs	96灯 / set
Color	WHITE
Connection MAX	4set
LED Pitch	10mm (Center to Center)
Cut Range	3 LEDs
Weight	63g / 1set
Materials	Silicone

SL-48-12V-WW

Warm WHITE , 48 LEDs

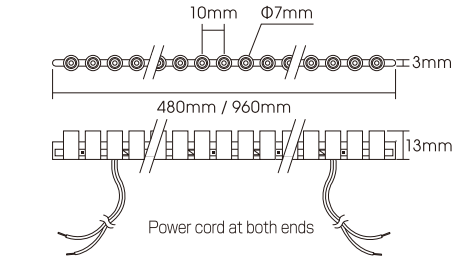
Power Consumption	3.26W
Number of LEDs	48灯 / set
Color	Warm WHITE
Connection MAX	8set
LED Pitch	10mm (Center to Center)
Cut Range	3 LEDs
Weight	32g / 1set
Materials	Silicone

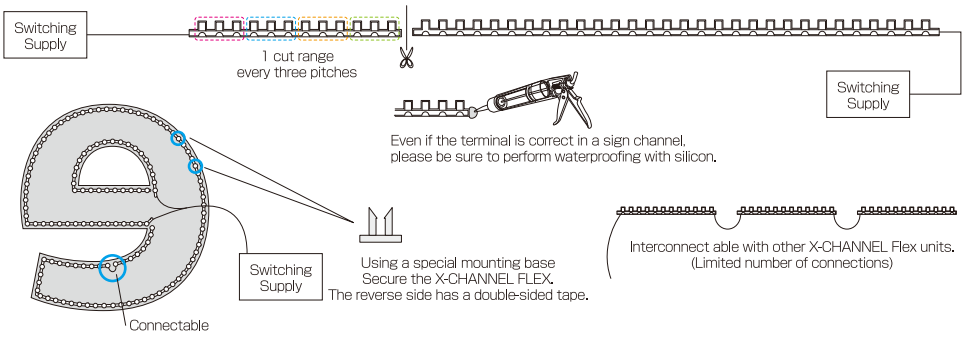
SL-96-12V-WW

Warm WHITE , 96 LEDs

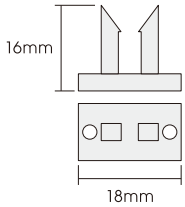
Power Consumption	6.4W
Number of LEDs	96灯 / set
Color	Warm WHITE
Connection MAX	4set
LED Pitch	10mm (Center to Center)
Cut Range	3 LEDs
Weight	63g / 1set
Materials	Silicone

※Do not install wiring in an outdoor-exposed.




Switching Supply
1 cut range every three pitches
Switching Supply
Even if the terminal is correct in a sign channel, please be sure to perform waterproofing with silicon.

Switching Supply
Using a special mounting base Secure the X-CHANNEL FLEX. The reverse side has a double-sided tape.
Connectable

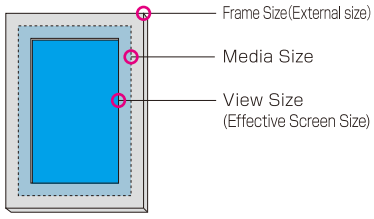


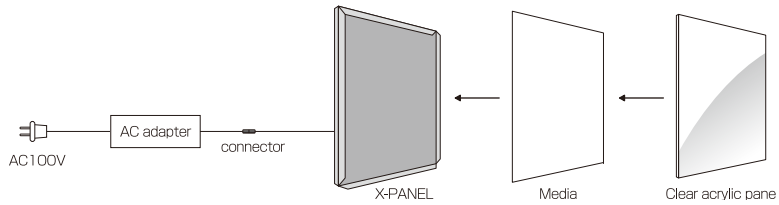
MU-30

Mount Base

Materials	Resin, Back side double-stick tape
Lot	30

X-PANEL





A1-W
A1 WHITE

Power Consumption	33.6W
Frame Size	W614 × H861 × D23 [mm]
Media Size	W594 × H841
View Size (Effective Screen Size)	W564 × H811
Weight	7.1kg
Accessories	Transformer for X-PANEL Acrylic Panel

A1-RGB
A1 Full Color

Power Consumption	MAX 38.4W
Frame Size	W619 × H866 × D22 [mm]
Media Size	W594 × H841
View Size (Effective Screen Size)	W559 × H806
Weight	8.57kg
Accessories	Transformer for X-PANEL Acrylic Panel , Easy type controller

A2-W
A2 WHITE

Power Consumption	23.8W
Frame Size	W440 × H614 × D23 [mm]
Media Size	W420 × H594
View Size (Effective Screen Size)	W390 × H564
Weight	4.1kg
Accessories	Transformer for X-PANEL Acrylic Panel

A2-RGB
A2 Full Color

Power Consumption	MAX 18.1W
Frame Size	W445 × H619 × D22 [mm]
Media Size	W420 × H594
View Size (Effective Screen Size)	W385 × H559
Weight	4.5kg
Accessories	Transformer for X-PANEL Acrylic Panel , Easy type controller

A3-W
A3 WHITE

Power Consumption	16.8W
Frame Size	W317 × H440 × D23 [mm]
Media Size	W297× H420
View Size (Effective Screen Size)	W267× H390
Weight	2.4kg
Accessories	Transformer for X-PANEL Acrylic Panel

A3-RGB
A3 Full Color

Power Consumption	MAX 13.6W
Frame Size	W322 × H445 × D22 [mm]
Media Size	W297 × H420
View Size (Effective Screen Size)	W262 × H385
Weight	2.5kg
Accessories	Transformer for X-PANEL Acrylic Panel , Easy type controller

B1-W
B1 WHITE

Power Consumption	41.2W
Frame Size	W748 × H1050 × D23 [mm]
Media Size	W728× H1030
View Size (Effective Screen Size)	W698× H1000
Weight	10kg
Accessories	Transformer for X-PANEL Acrylic Panel

B1-RGB
B1 Full Color

Power Consumption	MAX 47.1W
Frame Size	W753 × H1055 × D22 [mm]
Media Size	W728 × H1030
View Size (Effective Screen Size)	W693 × H995
Weight	13.1kg
Accessories	Transformer for X-PANEL Acrylic Panel , Easy type controller

B2-W
B2 WHITE

Power Consumption	29.2W
Frame Size	W535 × H748 × D23 [mm]
Media Size	W515 × H728
View Size (Effective Screen Size)	W485 × H698
Weight	5.6kg
Accessories	Transformer for X-PANEL Acrylic Panel

B2-RGB
B2 Full Color

Power Consumption	MAX 33.3W
Frame Size	W540 × H753 × D22 [mm]
Media Size	W515 × H728
View Size (Effective Screen Size)	W480 × H693
Weight	6.5kg
Accessories	Transformer for X-PANEL Acrylic Panel , Easy type controller

B3-W
B3 WHITE

Power Consumption	20.6W
Frame Size	W384 × H535 × D23 [mm]
Media Size	W364 × H515
View Size (Effective Screen Size)	W334 × H485
Weight	3.2kg
Accessories	Transformer for X-PANEL Acrylic Panel

B3-RGB
B3 Full Color

Power Consumption	MAX 23.5W
Frame Size	W389 × H540 × D22 [mm]
Media Size	W364 × H515
View Size (Effective Screen Size)	W329 × H480
Weight	3.4kg
Accessories	Transformer for X-PANEL Acrylic Panel , Easy type controller

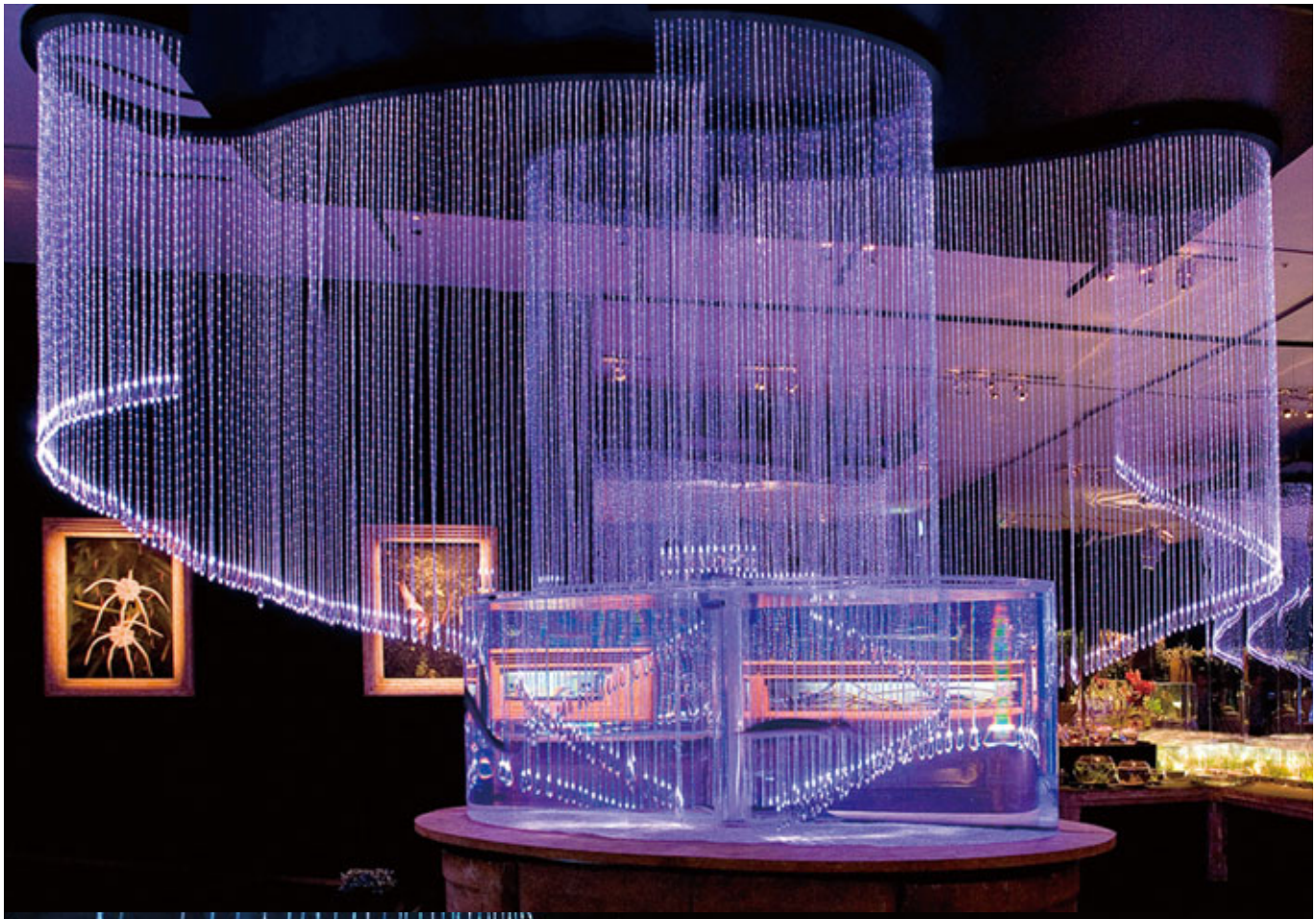
※Outdoor use available (special order)
※Different size available.
※The maximum order size : 1000×2000mm

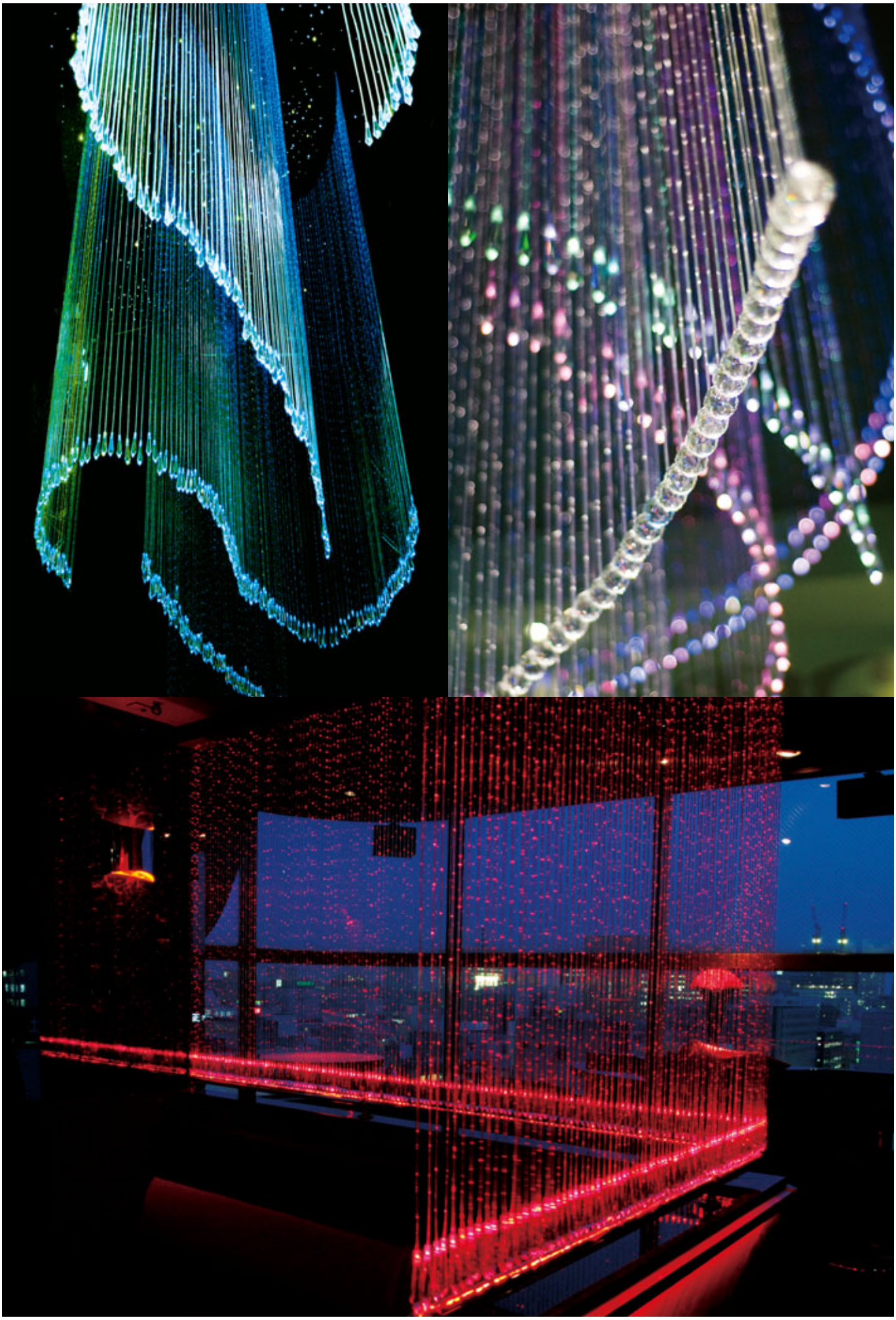
X-ECO LED PRODUCT CATALOG vol.5

FIBER OPTIC

FIBER OPTIC

X-FIBER RESULTS





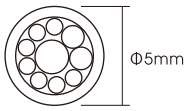
FIBER OPTIC

X-FIBER (PRO USE)

TL7503

Multi Shaggy Fiber 3mm

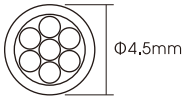
Size	Φ3mm
Number of Fibers	3 Fibers (0.8mm)
Materials	Surface tube : PVC Fiber : PMMA
1 roll	400m



RSR10721BJ

Star Light Fiber 5mm

Size	Φ5mm
Number of Fibers	Thick: 1 line of Fiber 1.5mm/line Medium : 2 lines of Fiber 1.0mm/line Thin : 7 lines of Fiber 0.8mm/line
Materials	Surface tube : PVC Fiber : PMMA
1 roll	100m



TL7507

Multi Shaggy Fiber 4.5mm

Size	Φ4.5mm
Number of Fibers	7 Fibers (0.8mm)
Materials	Surface tube : PVC Fiber : PMMA
1 roll	200m

RL2406

Multi Shaggy Fiber Ribbon

Size	W24mm
Number of Fibers	18本 (0.8mm)
Materials	Surface tube : PVC Fiber : PMMA
1 roll	50m

X-FIBER OPTIONS

RS150MHR

Light Engine 150W

AC 100V

Power Consumption	165W
Size	W245 × H155 × D330
Weight	6.5kg
Remarks	150W Metal halide lamp 8 Colors Wheels Socket (optional accessories available)

RS09-LED-H15/DMX-RGB

Full color Light Engine with DMX

RGB DC 5V DMX

Power Consumption	MAX 9W
Size	W50 × H44 × D184
Weight	246g
Remarks	DMX512

Socket S Socket M

MC2000-GM/DIM

Speed Controler

AC 100V

Power Consumption	1W
Size	W153 × H67 × D120
Weight	1kg
Remarks	Can synchronize and control wheel turn speeds of up to 50 units of Light Engine.

CT300P24

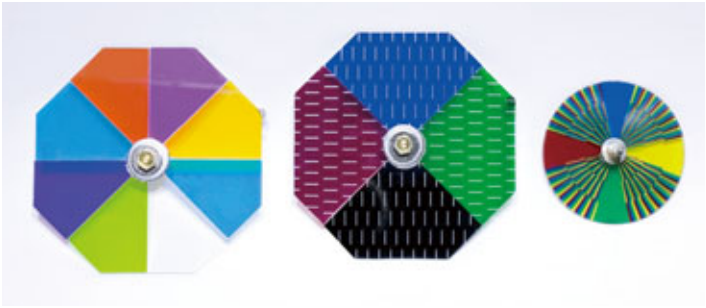
Socket S for Light Engine

Size	S
Permission number of fibers	Maximum 100 lines of TL7503 into one socket.

CT600P24

Socket M for Light Engine

Size	M
Permission number of fibers	Maximum 200 lines of TL7503 into one socket.



Wheel for Light Engine

Various color effects can be created by setting a wheel at a light engine.
There are a number of variations, Please contact us for more details.

FF3-PC

End fit
Control the length of the fiber curtain.

End piece

Putting the end piece on the tip of the starlight fiber makes diffuse light.
There are various kinds available. Please contact us about for more details.

BZ-1

Weight Beads

Materials	Crystal glass
Weight	20g/ 1 unit
Lot	50

STAR LIGHT , THREADLITE (X-FIBER Retail items)

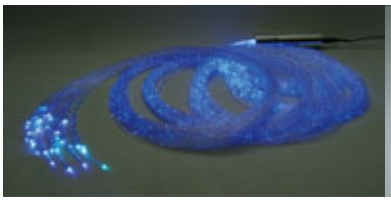
[Ends lit]

Not lit

LED400S02
LED Star Light

RGB DC 5V

Power Consumption	3W
Light Engine	W83 × Φ26 mm , 50g , include exclusive transformer
Fiber	Star Light Fiber Φ1mm × 40本 Fiber Length:1.5m


[Fully lit]

Not lit

LED400T03
LED Thread Light

RGB DC 5V

Power Consumption	3W
Light Engine	W83 × Φ26 mm , 50g , include exclusive transformer
Fiber	Multi Shaggy Fiber Φ1.8mm × 30本 Fiber Length:3m

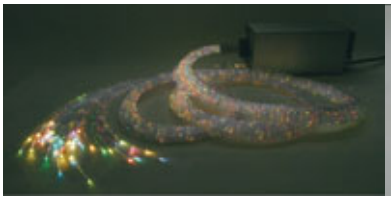
[Ends lit]

Not lit

STAR2000S05
Halogen Star Light

AC 100V

Power Consumption	65W
Light Engine	W230 × H90 × D90 mm , 1170g , Halogen 12V50W
Fiber	Star Light Fiber Φ5mm × 6本 Fiber Length:2m


[Fully lit]

Not lit

THREADLITE2100T02
Halogen Star Light

AC 100V

Power Consumption	65W
Light Engine	W230 × H90 × D90 mm , 1170g , Halogen 12V50W
Fiber	Multi Shaggy Fiber Φ3mm × 40本 Fiber Length:3m

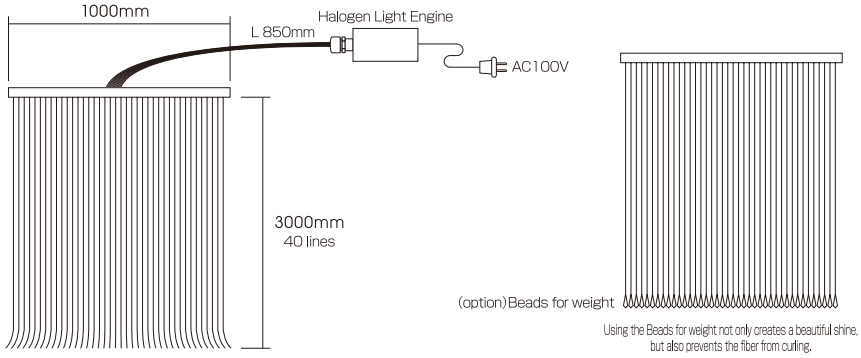
CURTAIN TRACK LIGHT (X-FIBER Retail items)

(Optional Accessories) Beads for weight

THREADLITE2100TC02
Curtain Track Light

AC 100V

Power Consumption	65W
Light Engine	W230 × H90 × D90 mm , 1170g , Halogen 12V50W
Fiber	W1000 × H3000 mm , Multi Shaggy Fiber Φ3mm × 40本, Fiber Length:3m



X-ECO LED PRODUCT CATALOG vol.5

POWER SUPPLY & CONTROLLER

POWER SUPPLY & CONTROLLER

Switching power supply for indoor use 12V, 24V

HWS50-12/A

Switching power supply for indoor use 12V 50W

Capacity	50W
Input Voltage	AC100V ~ AC240V
Output Voltage	DC12V
Size	W82 × H137 × D32 mm
Ambient temperature required for use.	-10℃ ~ 70℃
Weight	280g

HWS100-12/A

Switching power supply for indoor use 12V 100W

Capacity	100W
Input Voltage	AC100V ~ AC240V
Output Voltage	DC12V
Size	W82 × H177 × D33 mm
Ambient temperature required for use.	-10℃ ~ 70℃
Weight	450g

HWS150-12/A

Switching power supply for indoor use 12V 150W

Capacity	150W
Input Voltage	AC100V ~ AC240V
Output Voltage	DC12V
Size	W82 × H177 × D42 mm
Ambient temperature required for use.	-10℃ ~ 70℃
Weight	500g

HWS100-24/A

Switching power supply for indoor use 24V 100W

Capacity	100W
Input Voltage	AC100V ~ AC240V
Output Voltage	DC24V
Size	W82 × H177 × D33 mm
Ambient temperature required for use.	-10℃ ~ 70℃
Weight	450g

HWS150-24/A

Switching power supply for indoor use 24V 150W

Capacity	150W
Input Voltage	AC100V ~ AC240V
Output Voltage	DC24V
Size	W82 × H177 × D42 mm
Ambient temperature required for use.	-10℃ ~ 70℃
Weight	500g

Switching power supply for outside use 12V, 24V

SSP50-12

Switching power supply for outdoor use 12V 50W

Capacity	50W
Input Voltage	AC100V ~ AC240V
Output Voltage	DC12V
Size	W110 × H200 × D65 mm
Ambient temperature required for use.	-20℃ ~ 60℃
Weight	1200g

SSP100-12

Switching power supply for outdoor use 12V100W

Capacity	100W
Input Voltage	AC100V ~ AC240V
Output Voltage	DC12V
Size	W110 × H250 × D65 mm
Ambient temperature required for use.	-20℃ ~ 60℃
Weight	1400g

SSP50-24

Switching power supply for outdoor use 24V50W

Capacity	50W
Input Voltage	AC100V ~ AC240V
Output Voltage	DC24V
Size	W110 × H200 × D65 mm
Ambient temperature required for use.	-20℃ ~ 60℃
Weight	1200g

SSP100-24

Switching power supply for outdoor use 24V100W

Capacity	100W
Input Voltage	AC100V ~ AC240V
Output Voltage	DC24V
Size	W110 × H250 × D65 mm
Ambient temperature required for use.	-20℃ ~ 60℃
Weight	1400g

AC-DC ADAPTER

Constant current transformer

SPU10-105

DC12V 10W

Capacity	10W
Input Voltage	AC90V ~ AC264V
Output Voltage	DC12V
Size	W44 × H56 × D27.5 mm
Ambient temperature required for use.	0℃ ~ 70℃
Weight	66g

SPU25A-105

DC12V 25W

Capacity	25W
Input Voltage	AC90V ~ AC264V
Output Voltage	DC12V
Size	W42 × H105 × D31 mm
Ambient temperature required for use.	0℃ ~ 70℃
Weight	322g

SPU45-105

DC12V 45W

Capacity	45W
Input Voltage	AC90V ~ AC264V
Output Voltage	DC12V
Size	W76 × H146 × D43 mm
Ambient temperature required for use.	0℃ ~ 70℃
Weight	618g

SPU80-105

DC12V 80W

Capacity	80W
Input Voltage	AC90V ~ AC264V
Output Voltage	DC12V
Size	W76 × H146 × D43 mm
Ambient temperature required for use.	0℃ ~ 70℃
Weight	720g

SPU130-105

DC12V 130W

Capacity	130W
Input Voltage	AC90V ~ AC264V
Output Voltage	DC12V
Size	W88 × H196 × D50.5 mm
Ambient temperature required for use.	0℃ ~ 70℃
Weight	990g

SPU25A-108

DC24V 25W

Capacity	25W
Input Voltage	AC90V ~ AC264V
Output Voltage	DC24V
Size	W42 × H105 × D31 mm
Ambient temperature required for use.	0℃ ~ 70℃
Weight	322g

SPU60-108

DC24V 60W

Capacity	60W
Input Voltage	AC90V ~ AC264V
Output Voltage	DC24V
Size	W52 × H118 × D34.5 mm
Ambient temperature required for use.	0℃ ~ 70℃
Weight	428g

SPU80-108

DC24V 80W

Capacity	80W
Input Voltage	AC90V ~ AC264V
Output Voltage	DC24V
Size	W76 × H146 × D43 mm
Ambient temperature required for use.	0℃ ~ 70℃
Weight	692g

SPU130-108

DC24V 130W

Capacity	130W
Input Voltage	AC90V ~ AC264V
Output Voltage	DC24V
Size	W88 × H196 × D50.5 mm
Ambient temperature required for use.	0℃ ~ 70℃
Weight	990g

LC350-20

Rated Electric Current : 350mA

Capacity	20W
Input Voltage	AC100V
Output Voltage	350mA
Size	W42 × H106 × D28 mm
Ambient temperature required for use.	-10℃ ~ 50℃ (Non condensing)
Weight	100g

LC700-20

Rated Electric Current : 700mA

Capacity	20W
Input Voltage	AC100V
Output Voltage	700mA
Size	W42 × H106 × D28 mm
Ambient temperature required for use.	-10℃ ~ 50℃ (Non condensing)
Weight	100g

POWER SUPPLY & CONTROLLER

LED Dimmer Pack

With Case

X-D8-24NK

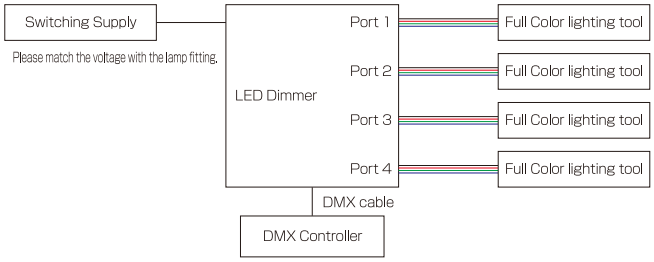
12 Channels LED Dimmer Pack for DMX (without case)

Input Voltage	DC8V ~ DC24V
Output Voltage	The same as the input voltage.
Capacity	6A/1port (2A×3colors) 4ports all
Size	W180 × H115 × D20 mm
Weight	200g
Ambient temperature required for use.	0℃ ~ 45℃ (Non condensing)

X-D8-24

12 Channels LED Dimmer Pack for DMX (with case)

Input Voltage	DC8V ~ DC24V
Output Voltage	The same as the input voltage.
Capacity	6A/1port (2A×3colors) 4ports all
Size	W260 × H130 × D35 mm
Weight	600g (include board)
Ambient temperature required for use.	0℃ ~ 45℃ (Non condensing)

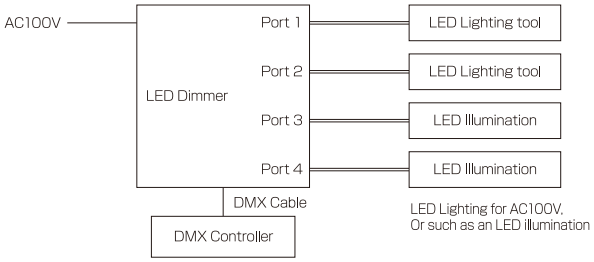


LED Dimmer Pack 100V

X-A10-NK-12-2

12 Channels LED Dimmer Pack for DMX

Input Voltage	AC100V
Output Voltage	The same as the input voltage
Capacity	2A/1port 12 ports all
Size	W180 × H115 × D20 mm
Weight	200g
Ambient temperature required for use.	0℃ ~ 45℃ (Non condensing)

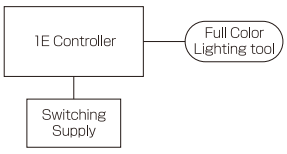


1E Controller

LU3-9A

Easy Controller

Input Voltage	DC6V ~ DV24V
Output Voltage	The same as the input voltage
Capacity	9A (3A×3circuits)
Size	W130 × H64 × D34 mm ※The protrusion is excluded
Weight	350g
Ambient temperature required for use.	0℃ ~ 45℃ (Non condensing)
spec	15 direction patterns Speed is adjustable.



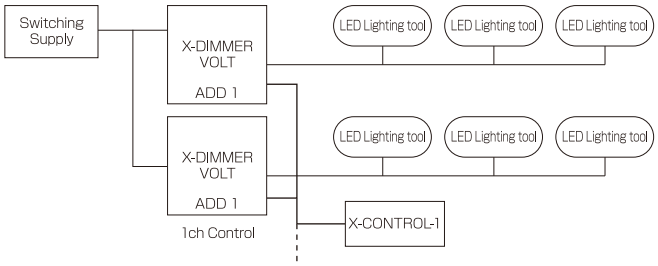
Pat 0	Lighting by white (Lighting by all RGB)
Pat 1	Flashing by all RGB
Pat 2	Dimming by white
Pat 3	Lighting by Red
Pat 4	Lighting by Green
Pat 5	Lighting by Blue
Pat 6	Flashing by Red
Pat 7	Flashing by Green
Pat 8	Flashing by Blue
Pat 9	Flashing by yellow
Pat A	Flashing by Cyan
Pat B	Flashing by Magenta
Pat C	Flashing by 7 colors
Pat D	Dimming by 7 colors
Pat E	Flashing and Dimming by 7 colors (Repeat ParC&D)
Pat F	Light down

X-DIMMER-VOLT

X-DIMMER-VOLT

DMX-compatible Single circuit dimmer tool.

Input Voltage	DC12V ~ DC24V
Output Voltage	The same as the input voltage
Capacity	6A
Size	W90 × H40 × D19 mm
Weight	32g

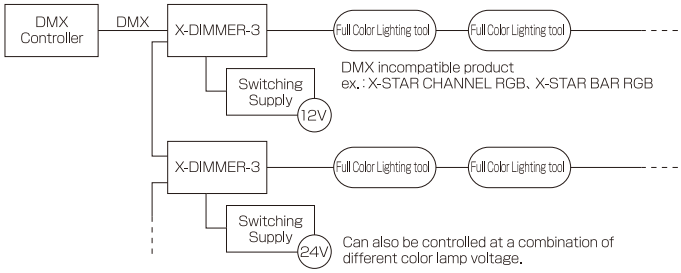


X-DIMMER-3 Pro

X-DIMMER-3 Pro

DMX-compatible RGB dimmer tool.

Input Voltage	DC12V ~ DC24V
Output Voltage	The same as the input voltage
Capacity	6A
Size	W90 × H40 × D19 mm
Weight	43g

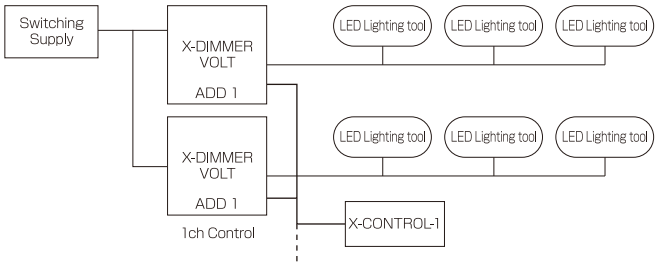


X-CONTROL-1

X-CONTROL-1

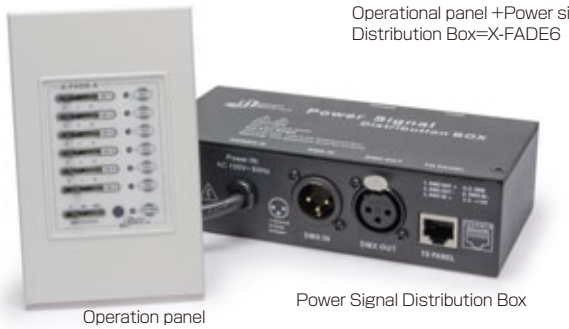
DMX dimming light interface

Input Voltage	DC12V
Size	W70 × H112 × D22.5 mm



X-FADE-6

Operational panel +Power signal Distribution Box=X-FADE6



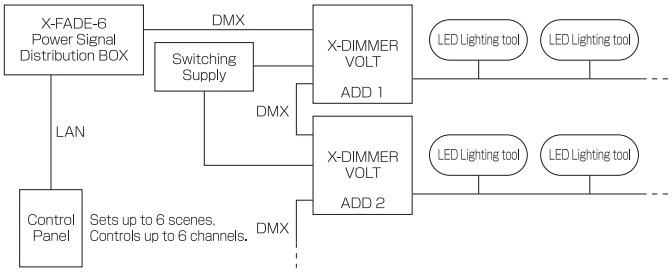
Operation panel

Power Signal Distribution Box

X-FADE-6

6ch DMX fader with scene memory function

Input Voltage	AC100V
Size	Power Signal Distribution Box : W157 × H45 × D74 mm Operation panel : W70 × H112 × D11 mm



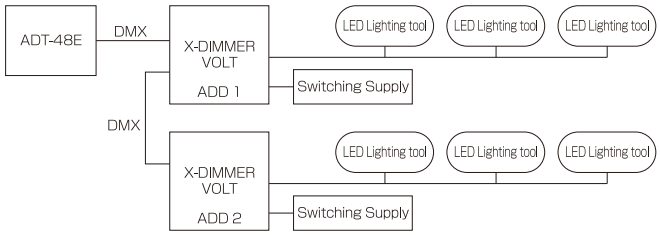
POWER SUPPLY & CONTROLLER

ADT-48E

ADT-48E

Touch panel-type DMX scene panel

Input Voltage	DC12V ~ DC24V
Size	W170 × H85 × D15.5 mm
Usage environment	0℃ ~ 40℃
Weight	250g
Remarks	Can set programs of 8 scenes. 8×6Page=48 Channel Controllable Remote controller included.

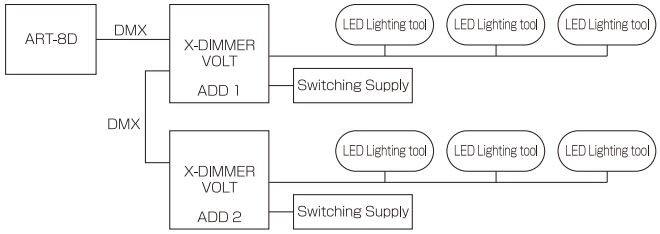


ART-8D

ART-8D

Touch panel-type DMX scene panel

Input Voltage	DC12V ~ DC24V
Size	W86 × H86 × D15.5 mm
Usage environment	0℃ ~ 40℃
Weight	100g
Remarks	Can set programs of 8 scenes. Can control programs of 8 channels.



PR512 PR512

PR512 is a controller for LED lights using DMX signal on a PC.
PR512 can peform complicated directions up to channel 512.
PR512 is available in 3 versions depending on the desired application.

PR512 first class and economy class are controlled by a PC, so in addition to the product, a PC, enclosure and other parts are required for operation.

PR512PRO

First Class, DMX Controller, Music function, Time schedule function

Input Voltage	DC9V
Size	W80 × H90 × D34 mm
Spec	DMX 3pin Female connector USB(mini) connector ※Please use PR512 with a PC.

PR512LITO

Economy Class, DMX Controller, Musix function

Input Voltage	DC9V
Size	W80 × H90 × D34 mm
Spec	DMX 3pin Female connector USB(mini) connector ※Please use PR512 with a PC.

PR512ESA

EasyStandAlone DMX Controller

Input Voltage	DC9V ※AC adapter (necessary for PVDC-1A)
Size	W80 × H90 × D34 mm
Spec	DMX 3pin Female connector USB(mini) connector

9VDC-1A

AC Adapter for Easy stand alone

AR-32 DMX-Recorder / Scene-Panel

AR-32P

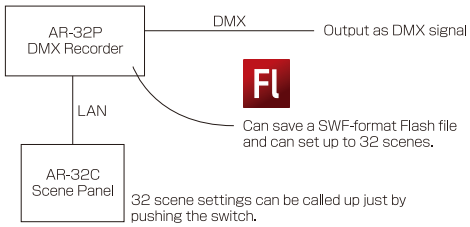
DMX Recorder

Input Voltage	AC100V
Size	W157 × H74 × D43 mm
Connector	DMX 3pin Male Connector , DMX 3pin Female Connector , LAN Connector

AR-32C

Scene Panel

Size	W90 × H130 × D34 mm
Spec	Link with AR-32P by LAN

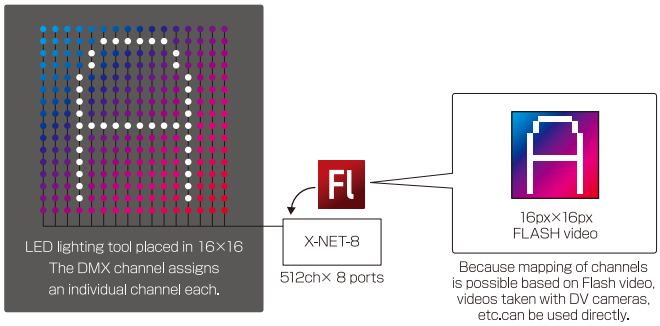


X-NET-8

X-NET-8

SWF-compatible High-end DMX controller

Input Voltage	AC100V
Size	W205 × D482 × H44 mm
Connector	DMX 3pin Female Connector 8 ports DMX 3pin Male Connector 1port (for AR-32P)
Usage environment	-10℃ ~ 50℃
Weight	1,500g

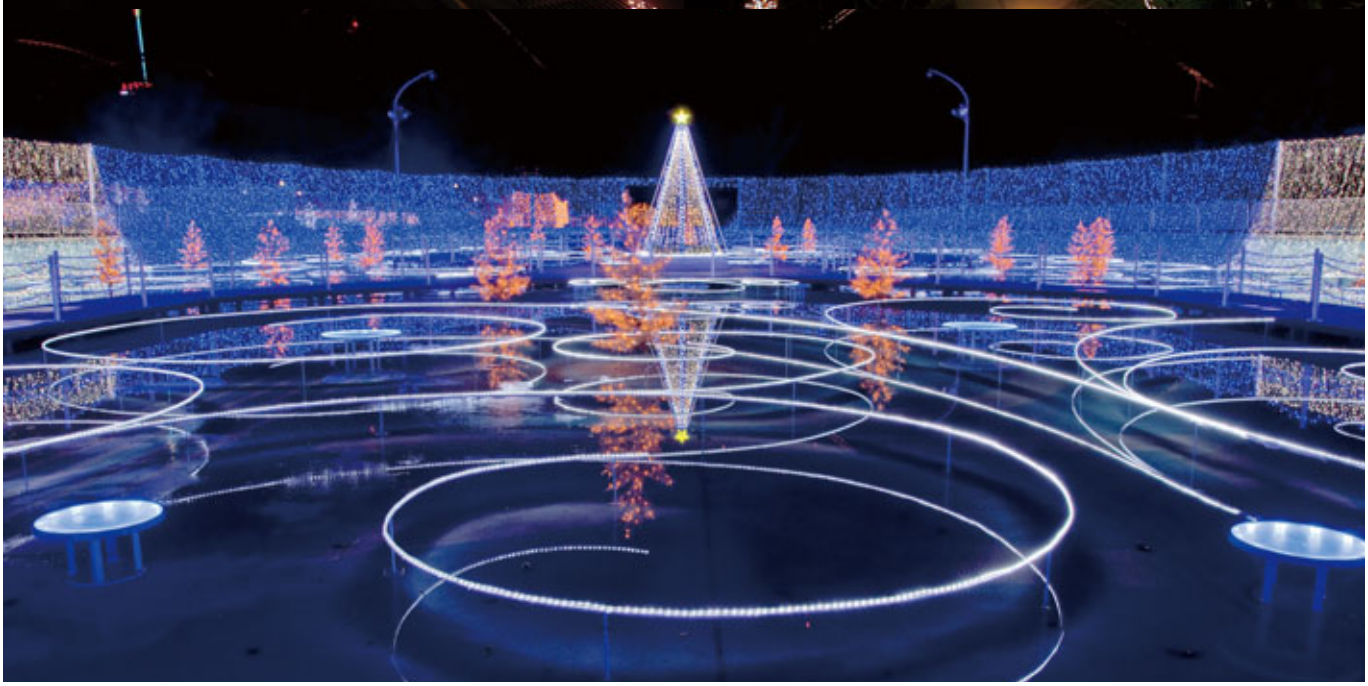


X-ECO LED PRODUCT CATALOG vol.5

LED ILLUMINATIONS

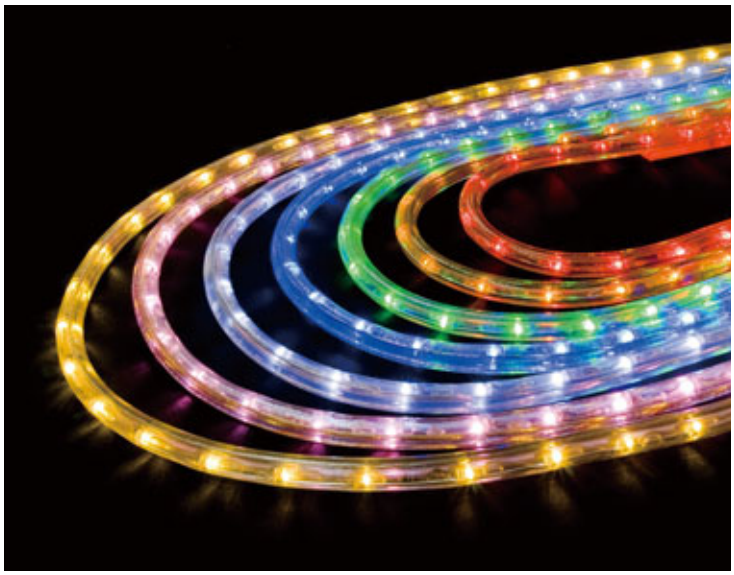
LED ILLUMINATIONS

ILLUMINATION RESULTS



LED ILLUMINATIONS

LED DURALIGHT SERIES

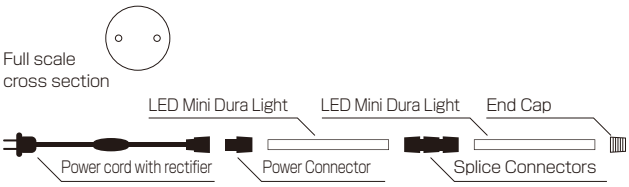


LED Mini Dura Light

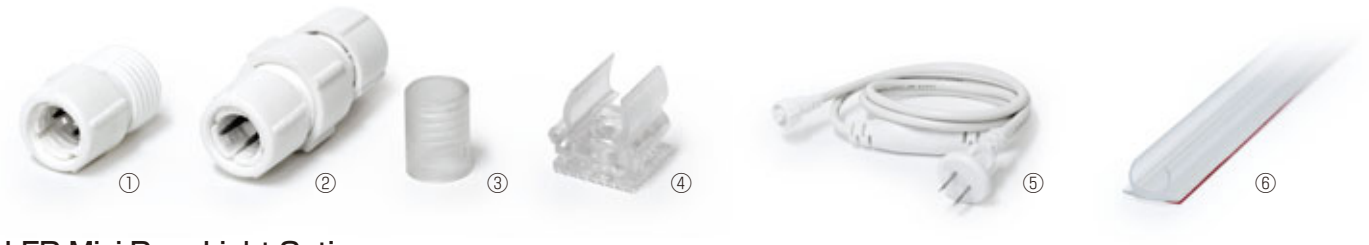
LED Type Tube Light

AC 100V | DIMMER | OUTDOOR

Full scale cross section



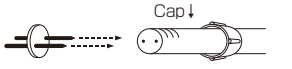
Product	Color	Diameter	Number of Line	Bulb pitch	Input Voltage	Power Consumption	Length of 1 roll	Cut range
LED-ML-10MM-2W-150FT100V-W	WHITE	10mm	2 core	27mm (LED sideways)	AC100V	2.2W/m	45m	900mm
LED-ML-10MM-2W-150FT100V-Gd	GOLD							
LED-ML-10MM-2W-150FT100V-P	PINK							
LED-ML-10MM-2W-150FT100V-G	GREEN							
LED-ML-10MM-2W-150FT100V-B	BLUE							
LED-ML-10MM-2W-150FT100V-R	RED					1.4W/m		1,250mm
LED-ML-10MM-2W-150FT100V-Am	AMBER							



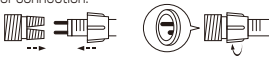
LED Mini Dura Light Option

#	Name	Product	Remarks
①	Power Connector	ML-2W-4	Use for connecting LED Mini Dura Light and power code
②	Splice Connector	ML-2W-3	Use for connecting the cut LED Mini Dura Light each other.
③	End Cap	ML-2W-6	Use for the cap of end of LED Mini Dura Light.
④	Crocodile Clips	ML-2W-8	Use for the mount base in order to fix LED Mini Dura light. ※The installation screws are not included.
⑤	1.5m Power cord with rectifier	LED-ML-2W-3	Power cord with a rectifier for LED.
⑥	Plastic Mall	NCH-1	Use for installing LED Mini Dura Light in a straight line.

How to connect the Power Cord

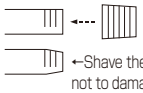


1. Please put the cap of the power connector into Dura Light side first. And then insert the sharp pin side in Dura Light.
If the hole of Dura Light is too stiff to insert the pin, please widen the opening of Dura Light side with an awl. ※Be sure to insert it firmly to prevent a poor connection.



2. Insert the pin connector until it touches the tip, then close the cap.

3. Insert the connector made in step 2 into the female pin of the power connector and close the cap.

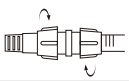


4. Please cover the end cap to the end of Dura Light. If the opening is too tight, sharpen the edge of Dura Light lightly, and then cover.

How to connect splice connector

1. Pass splice connector caps through the Dura light and then insert the sharp pin of the connector into the Dura Light. If it is too tight to insert, please sharpen the edge of the Dura Light slightly, then connect. In addition, please connect the Dura Light with the LEDs aligned in the same direction.

2. Close the cap of splice connector.



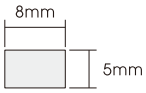
※This connector and end cap are not waterproof. When used outdoors, please give drip-proof processing such as coking or self-adhesive tape.
※LED Dura Light has polarity. If the light does not turn on when connected, please flip the connector 180 degrees.
※DO NOT leave the polarity reversed for a prolonged period of time.

LED Dura Light Flat

Square LED Type
Tube Light

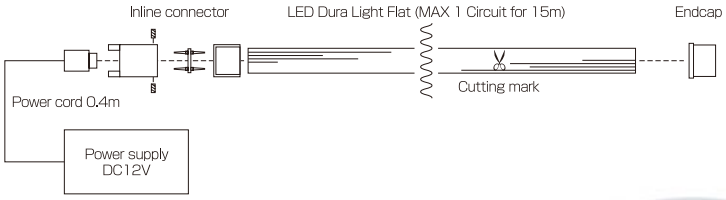
DC 12V | DIMMER | OUTDOOR

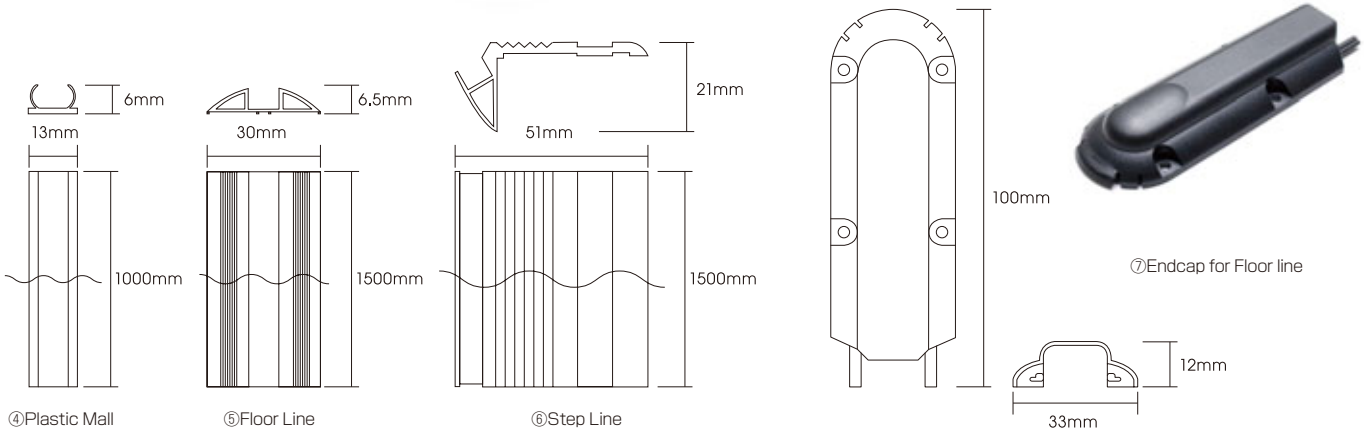
Square LED tube light: Section size 8X5mm
Using exclusive accessories, various applications are possible including outdoor, indoor, floor, and stairs.



section

Product	Color	Section	Number of Line	Bulb pitch	Input Voltage	Power Consumption	Length of 1 roll	Cut range
KDM-030-012-Wh	WHITE	W8mm H5mm	2 LINES	27.8mm (SMD TYPE LED)	DC12V	3.6W/m	30m	83.4mm
KDM-030-012-Ww	Warm WHITE							
KDM-030-012-Bl	BLUE							
KDM-030-012-Pg	GREEN							
KDM-030-012-Rd	RED					2.16W/m		139mm
KDM-030-012-Am	AMBER							





⑦Endcap for Floor line

LED Dura Light Flat Option

#	Name	Product	Remarks
①	End Cap	SKHN	End cap is the cap for the end of LED Dura Light Flat.
②	Inline Connector	BKMN	To connect with LED Dura Light Flat and power code
③	0.4m Power code	BKMS-15	The power code for 0.4m
④	Plastic Mall	STPV-K	Length:1,000mm Using LED Dura Light flat on the straight line.
⑤	Floor Line	MTKC-BK	Using floor line can decorate conducting wire indication or association back indication by light beautifully.
⑥	Step Line	MTKL-BK	Using Step Line can show beautifully on the steps with non slip.
⑦	End cap for Floor Line	SDKC-BK	To put the terminal of the floor line beautifully.

LED ILLUMINATIONS

LED STRINGS SERIES

LED Strings 100

Super Drip-proof Strings

Product	Color	Length	Input Voltage	Power Consumption	Number of LED	Pitch	Connection MAX
LED-PL-100-10M-W	WHITE	10,000mm	AC100V	7W	100	100mm	8
LED-PL-100-10M-Ww	Warm WHITE						
LED-PL-100-10M-Cd	CANDLE						

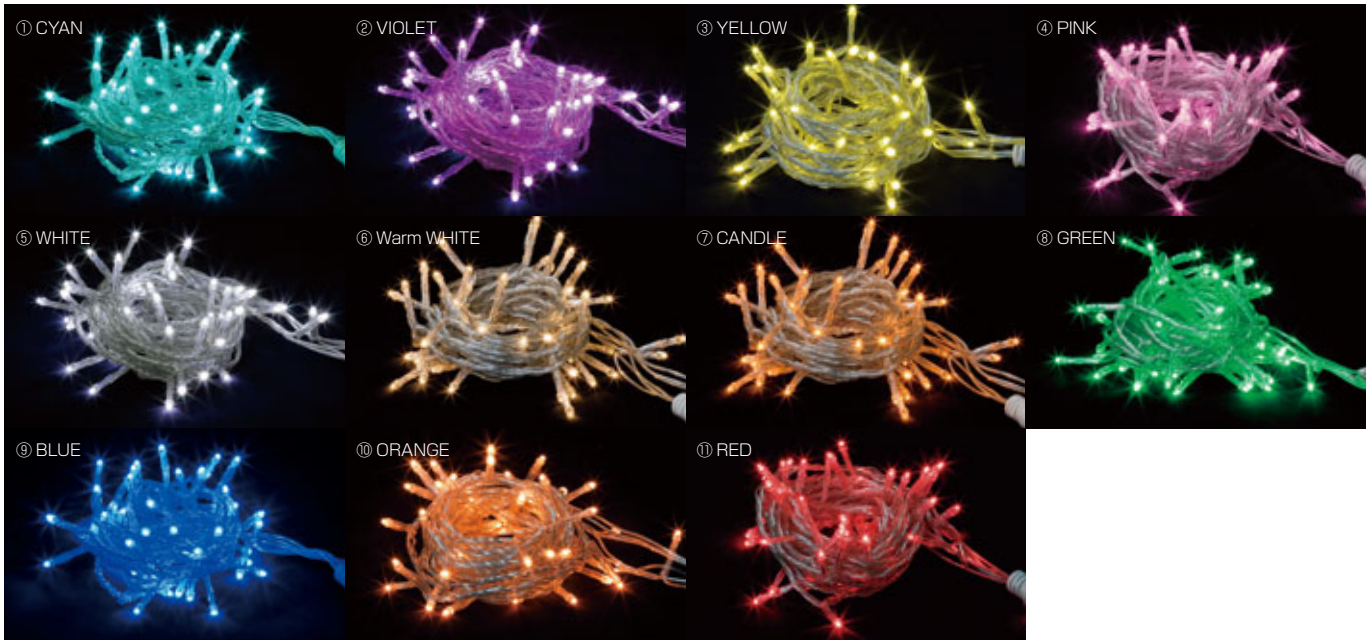
○The Color of Code : Black ○Special order available : White ○Optional accessory : Power code ○Incandescent lamp type also available. Please contact us for more details.

LED Strings Duo

Super Drip-proof Multi-Color Strings

Product	Color	Length	Input Voltage	Power Consumption	Number of LED	Pitch	Connection MAX
LED-PL-100-10M-100V-MIX(W/B)	WHITE & BLUE	10,000mm	AC100V	7W	100	100mm	8
LED-PL-100-10M-100V-MIX(W/P)	WHITE & PINK						
LED-PL-100-10M-100V-MIX(W/G)	WHITE & GREEN						
LED-PL-100-10M-100V-MIX(W/Ww)	WHITE & Warm WHITE						

○The Color of Code : Black ○Special order available : White ○Optional accessory : Power code



LED Strings 50

LED Strings with clear cord

○The color of code : Clear ○Optional accessory : Power code

#	Product	Color	Length	Input Voltage	Power Consumption	Number of LED	Pitch	Connection MAX
①	LED-PL-50-4M-C	CYAN	4,000mm	AC100V	2.5W	50	80mm	12
②	LED-PL-50-4M-Vi	VIOLET						
③	LED-PL-50-4M-Y	YELLOW						
④	LED-PL-50-4M-P	PINK						
⑤	LED-PL-50-4M-W	WHITE						
⑥	LED-PL-50-4M-Ww	Warm WHITE						
⑦	LED-PL-50-4M-Cd	CANDLE						
⑧	LED-PL-50-4M-G	GREEN						
⑨	LED-PL-50-4M-B	BLUE						
⑩	LED-PL-50-4M-Or	ORANGE			1.8W			
⑪	LED-PL-50-4M-R	RED						

LED Twinkle Light

LED strings with flashing

Product	Color	Length
LED-TW-100-10M-100V-W	WHITE	10,000mm

Input Voltage	Power Consumption	Number of LED	Pitch	Connection MAX
AC100V	8W	100	100mm	8

○The Color of Code : Black
○When using outdoors, waterproofing is necessary for the controller.

Power Code for LED Strings

For LED Strings 50, 100 Duo

Product	Code Color	Length
LED-PL-PC-Bk	BLACK	1,500mm
LED-PL-PC-Wh	WHITE	

○Power cords for each LED string are sold separately.

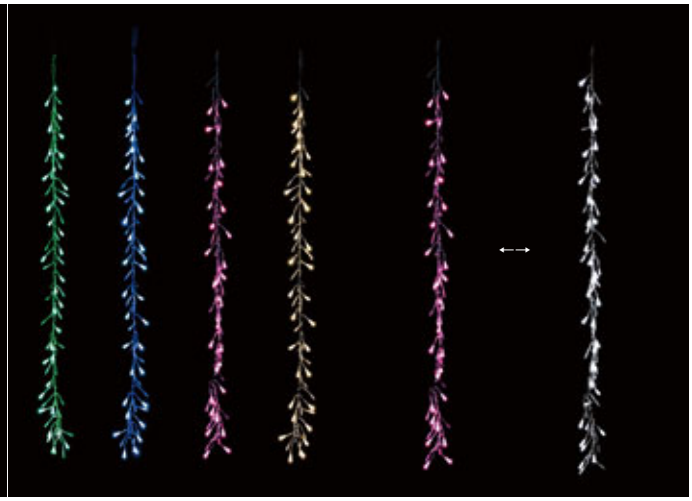
Berry Cap

For LED Strings100 and Duo

Product	Color	Lot
BC-Cl	CLEAR	100
BC-MI	MILKY	
BC-R	RED	
BC-G	GREEN	
BC-P	PINK	
BC-B	BLUE	
BC-Y	YELLOW	

※ Picture:1,000mm

Creates a flowing glimmer effect like falling snow.



※Picture:1,000mm

Two colors of LED are dimming slowly in turn.

LED SNOW DROP

Illuminations of the snowfall direction

LED Icicle

Icicle type of Illumination

Type	Product	Color	Socket Pitch	Input Voltage	Power Consumption	Number of LED	Connection MAX
LED SNOW DROP (Snowfall direction)	LED-PLG-SNOW-512L-(1-0.5M)-5-12V-W	white	2,000mm	AC12V	9.6W	512	4set
	LED-PLG-SNOW-512L-(1-0.5M)-5-12V-W/B	WHITE & BLUE					
	LED-PLG-SNOW-512L-(1-0.5M)-5-12V-W/P	WHITE & PINK					
	LED-PLG-SNOW-512L-(1-0.5M)-5-12V-W/Ww	WHITE & Warm WHITE					
LED Icicle (Dimming in turn)	LED-PLG-SNOW-256L-(1-0.5M)-5-12V-W/G	WHITE & GREEN			4.8W	256	
	LED-PLG-SNOW-256L-(1-0.5M)-5-12V-W/B	WHITE & BLUE					
	LED-PLG-SNOW-256L-(1-0.5M)-5-12V-W/P	WHITE & PINK					
	LED-PLG-SNOW-256L-(1-0.5M)-5-12V-W/Ww	WHITE & Warm WHITE					

Transformer for connections

For LED Snow Drop and Icicle

Product	Spec	Connection
TRANSFORMER J199	DC12V 50W	4set

Contents of LED Snow Drop and LED Icicle set
{L1,000mmX3Line, L500mmX2Line, Transformer for outdoor use (non connectable)}

○Includes transformer for LED Snow drop and LED Icicle for outdoor use. ○controller not included. Automatic dimming. ○Can NOT use for all lighting at the same time. ○The Color of code: Clear. (Main cable: black code) ○Using with connection, please use an optional transformer for connections separately.

LED Shooting Star

Illuminations of the shooting star direction

Product	Color	Length
LED-PLG-SNOW-384-1-3M-12V-W	WHITE	L3,000mm

Input Voltage	Power Consumption	Number of LED	Connection MAX
AC12V	2W	384	Not consolidated

○Uses the shooting star direction specifications with the same structure as the LED snowdrop.
○Includes transformer for LED Shooting star outside for outdoor use.
○Controller not included. Automatic dimming
○Can NOT use for all lighting at the same time.
○The Color of code: Clear.

LED ILLUMINATIONS

LED NET LIGHT

The net type illumination is most suitable for planting.

Product	Color	Size
LED-SNL-150-W	WHITE	W 1,800mm H 700mm
LED-SNL-150-Ww	Warm WHITE	
LED-SNL-150-B	BLUE	

Input Voltage	Power Consumption	Number of LED	MAX Connection
AC100V	10W	150	4

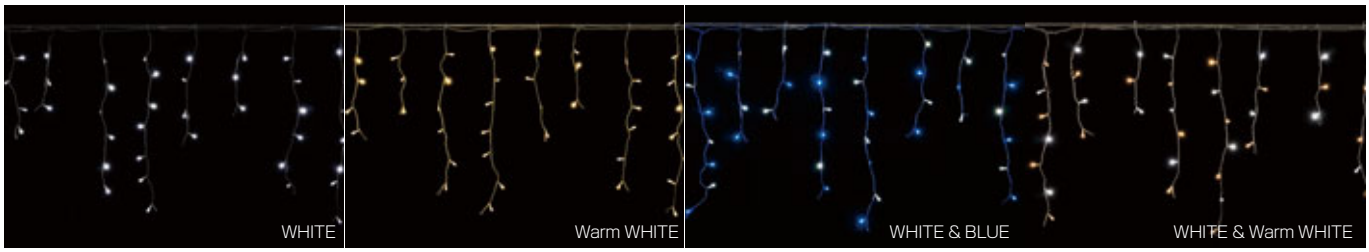
○The Color of code: Black
○Available by special order: White
○Includes the power code for LED NET Light

LED Garden Light

Stick type Illumination

Product	Color	Length	Length of stick	Input Voltage	Power Consumption	Number of LED
LED-GL-9L-PC-H80-24V-W	WHITE	6,000mm	800mm	AC24V (Transformer AC100V)	5W	63
LED-GL-9L-PC-H80-24V-Ww	Warm WHITE					
LED-GL-9-Mc	MULTI COLOR		600mm		4W	45

○Includes transformer for outdoor use
○Not connectable

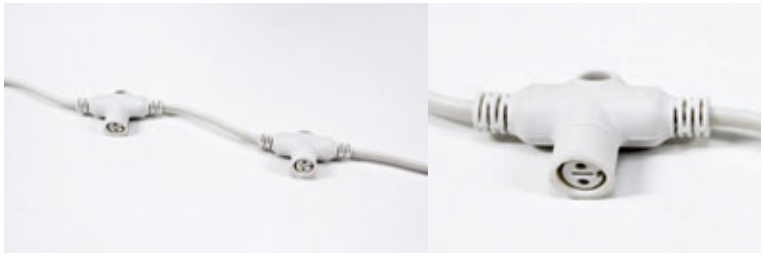


LED Pray Light Icicle, LED Pray Light Icicle Duo

The illuminations for edge of the eaves decoration

Product	Color	Length	Length of stick	Input Voltage	Power Consumption	Number of LED
LED-RPL-100-3.3M-W	WHITE	3,000mm	AC100V	10W	100	10
LED-RPL-100-3.3M-Ww	Warm WHITE					
LED-RPL-100-3.3M-MIX(W/B)	WHITE & BLUE					
LED-RPL-100-3.3M-MIX(W/Ww)	WHITE & Warm WHITE					

○20 lines of the icicle of 300mm - 700mm hangs down per one set. ○The Color of Code : Clear ○Power code included.



T-shape connector code

The code color for LED strings 50, 100 Duo : White

Product	Length	Pitch	Number of Socket	Max Capacity
LED-PL-PC-12-Wh	1,800mm	150mm	12	4A

○The Color of Code : White ○NOT Connectable

Easy type controller for Illumination

Easy type controller with 8 lighting patterns.

Product	Input Voltage	Max Capacity
SL-410J-2A	AC100V	2A

○Selectable lighting patterns.
○When you use a controller outdoors, waterproofing is necessary.

Full-wave rectifier 7A

7A Rectifier for LED

Product	Input Voltage	Max Capacity
LLNP-7A	AC100V	7A

○Fuse Included

for RENTAL

LED lighting in shops and other events, moving lights, lighting equipment We deal with various effects. In addition, we also rent at the same time.
We will propose a different plan, depending on the number and duration. Please feel free to inquire.

LED ILLUMINATIONS

LED MOTIF , TREE

A variety of original motifs, many stocks lineup while adding a new tree every year.
For more details, Exhibit "Illumination Magic 2011" please visit. (Publication expected Summer 2011)

MerryChristmas!

WARRANTY

WARRANTY 保証について

返品手続きについて

ご購入いただきました商品を返品の際は、必ず事前に当社営業担当までご連絡ください。
伝票処理につきましては、商品到着後ならびに返品商品の検査後に処理いたします。

保証対象外項目

製品付属の取扱説明書兼製品保証書の注意事項に反する使用に基づく場合。
例1、製品に適合しない電圧で使用した場合
例2、製品の加工、改造が見受けられる場合
例3、定期点検、メンテナンス不足の場合

天災、人災等による故障の場合
取付業者による破損の場合

その他

製品製造上の欠陥による故障と認められる場合、各製品の保証期間内におきまして、その保証内容をお客様との協議の上で、責任・誠意を持って適正な対応をさせて頂きます。その際、不良状況及び報告書を提出していただく場合がありますので、ご了承下さい。

不良品の交換・修理品を発送する際に発生する送料については、原則として当社負担とさせて頂きます。

また、現場調査費、現場修理工事費等の二次的派生費用につきましては、いかなる場合におきましても保証致しかねますので、予めご了承下さい。

表記されている保証期間は、すべてご購入日からの起算となります。

LED BULBS

商品名	保証期間
X-BULB MR16 GU5.3	500日間
X-BULB MR16 EZ10	500日間
X-BULB MR16 E11	500日間
X-BULB MR16 HP	500日間
X-BULB PAR30	500日間
X-BULB PAR30H	500日間
X-BULB PAR38	500日間
X-BULB PAR20	500日間
X-BULB CLEAR BALL G50	500日間
X-BULB BRILLIANCE	500日間
X-BULB FL	500日間

FIXTURE for LED BULBS

商品名	保証期間
X-UNIVERSAL DOWN MR16	500日間
X-SPOT PAR30	500日間
X-SPOT MR16 for GU5.3	500日間
X-SPOT MR16 for E11	500日間

LED GENERAL LIGHTING PRODUCTS

商品名	保証期間
X-BASE DOWN	500日間
X-BASE DOWN GLARELESS	500日間
X-BEACON	500日間
X-BULB MR16 HP	500日間
X-FLOOD	500日間
X-BAY LIGHT	500日間
X-STAR BAR S (single)	500日間
X-STAR BAR D (double)	500日間

LED EFFECT LIGHTING PRODUCTS

商品名	保証期間
X-WASH HP+	1年間
X-WASH NR	1年間
X-WASH MINI	1年間
X-AQUA II	1年間
X-CURTAIN 2000	1年間
X-COLOR RAY	1年間
X-CITY WASH 600	1年間
X-DOME	1年間
X-BAR HIP65	1年間
X-BALL SMD	1年間
X-PUZZLE	1年間
X-CHIP HP	1年間
X-CHIP II	1年間
X-STAR BAR RGB	1年間
X-STREAM	1年間
X-PIXEL	1年間

LED PRODUCTS for SIGN&DISPLAY

商品名	保証期間
X-STAR CHANNEL 100 4S	2年間
X-STAR CHANNEL 2S , 4S	2年間
X-STAR CHANNEL 2S RGB , 4S RGB	2年間
X-CHANNEL HP	1年間
X-STAR DOT	2年間
X-RIBBON	1年間
X-CHANNEL FLEX	1年間
X-PANEL	1年間

FIBER OPTIC

商品名	保証期間
X-FIBER (TL7503 , TL7507 , RSR1721BJ , RJ2406)	なし
ライトエンジン 150W	1年間
フルカラーLEDライトエンジン	1年間
スピードコントローラー	1年間
LED スターライト	1年間
LED スレッドライト	1年間
ハロゲンスターライト	1年間
ハロゲンスレッドライト	1年間
カーテントラックライト	1年間

POWER SUPPLY&CONTROLLER

商品名	保証期間
屋内用スイッチング電源 12V , 24V	1年間
屋外用スイッチング電源 12V , 24V	1年間
AC-DC アダプター	1年間
定電流トランス	1年間
LED調光器	1年間
LED調光器 100V	1年間
1Eコントローラー	1年間
X-DIMMER-VOLT	1年間
X-DIMMER-3 Pro	1年間
X-CONTROL-1	1年間
X-FADE-6	1年間
ADT-48E	1年間
ART-8D	1年間
PR512	1年間
AR-32 DMXレコーダー / シーンパネル	1年間
X-NET-8	1年間

LED ILLUMINATIONS

商品名	保証期間
LEDミニデュラライト	90日間
LEDデュラライトフラット	90日間
LEDストリングス100	90日間
LEDストリングスデュオ	90日間
LEDストリングス50	90日間
LEDティンクルライト	90日間
LEDスノードロップ	90日間
LEDアイシクル	90日間
LEDシューティングスター	90日間
LEDネットライト	90日間
LEDガーデンライト	90日間
LEDプレイライトつらら , LEDプレイライトつららデュオ	90日間
イルミネーションコントローラー簡易型	90日間
全波整流器7A	90日間

CAUTION

LED BULBS

●電源は必ず規定の電圧をご使用ください。
●製品を改造、分解するなど無理な方法でのご使用はしないでください。
●製品に異常が発生したらすぐに電源を切り、販売店・工事店にご相談してください。
●製品を布や紙などでおおったりしないでください。
　また、カーテンや揮発物など燃えやすいものの付近には設置しないでください。
●メンテナンスが可能な場所に設置してください。
●製品の取付は取扱説明書に従い、正しく行ってください。
●点灯中の製品を間近で長時間見つめないでください。
●点灯中や消灯直後の製品は熱いので触れないでください。
●下記使用環境では使用しないでください。
　※常時、振動や衝撃がある場所。
　※海水がかかる場所。
　※不安定な場所。
　※腐食性、可燃性のガスが発生する場所。
　※湿度の高い場所。
　※有機溶剤がかかる場所。
　※水分や湿気等で結露が生じる可能性がある場所。
　※密閉空間や周囲温度が高い場所。
●ご使用になる前に、必ず点灯確認を行ってください。
●電球の取付や交換、清掃の際には必ず電源を切ってください。
●LED製品は特質上若干、色や輝度のバラつきがある場合がございます。ご了承ください。
●下記の項目に該当する場合は保証対象外のなりますのでご注意ください。
　※取扱説明書兼保証書の注意事項に反する使用をした場合。
　※天災、人災などによる故障の場合。
　※取付業者による破損の場合。
●工事完了前に、灯具との結線箇所等にてテスターで電圧の再確認を行ってください。
●現場調査費、現場修理費工事費等の二次的派生費用につきましては、いかなる場合におきましても保証いたしかねます。予めご了承ください。

FIXTURE for LED BULBS

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●製品に異常が発生したらすぐに電源を切り、販売店・工事店にご相談してください。
●製品の真下にストーブ等、暖房器具を置かないでください。
●製品を布や紙などでおおったりしないでください。
　また、カーテンや揮発物など燃えやすいものの付近には設置しないでください。
●メンテナンスが可能な場所に設置してください。
●製品の取付は取扱説明書に従い、正しく行ってください。
●設置の際に本製品を断熱材、防音材で覆わないようにしてください。
●スプリンクラー等、防火設備付近には設置しないでください。
●下記使用環境では使用しないでください。
　※常時、振動や衝撃がある場所。
　※不安定な場所。
　※腐食性、可燃性のガスが発生する場所。
　※湿度の高い場所。
　※有機溶剤がかかる場所。
　※水分や湿気等で結露が生じる可能性がある場所。
　※密閉空間や周囲温度が高い場所。
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LED GENERAL LIGHTING PRODUCTS

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●製品に異常が発生したらすぐに電源を切り、販売店・工事店にご相談してください。
●製品を布や紙などでおおったりしないでください。
　また、カーテンや揮発物など燃えやすいものの付近には設置しないでください。
●メンテナンスが可能な場所に設置してください。
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●点灯中の製品を間近で長時間見つめないでください。
●点灯中や消灯直後の製品は熱いので触れないでください。
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　※常時、振動や衝撃がある場所。
　※不安定な場所。
　※腐食性、可燃性のガスが発生する場所。
　※湿度の高い場所。
　※有機溶剤がかかる場所。
　※水分や湿気等で結露が生じる可能性がある場所。
　※密閉空間や周囲温度が高い場所。
●ご使用になる前に、必ず点灯確認を行ってください。
●製品の取付や交換、清掃の際には必ず電源を切ってください。
●LED製品は特質上若干、色や輝度のバラつきがある場合がございます。ご了承ください。
●下記の項目に該当する場合は保証対象外のなりますのでご注意ください。
　※取扱説明書兼保証書の注意事項に反する使用をした場合。
　※天災、人災などによる故障の場合。
　※取付業者による破損の場合。
●工事完了前に、灯具との結線箇所等にてテスターで電圧の再確認を行ってください。
●現場調査費、現場修理費工事費等の二次的派生費用につきましては、
　いかなる場合におきましても保証いたしかねます。予めご了承ください。

LED EFFECT LIGHTING PRODUCTS

●電源は必ず規定の電圧をご使用ください。
●製品を改造、分解するなど無理な方法でのご使用はしないでください。
●製品に異常が発生したらすぐに電源を切り、販売店・工事店にご相談してください。
●製品を布や紙などでおおったりしないでください。
　また、カーテンや揮発物など燃えやすいものの付近には設置しないでください。
●メンテナンスが可能な場所に設置してください。
●製品の取付は取扱説明書に従い、正しく行ってください。
●点灯中の製品を間近で長時間見つめないでください。
●点灯中や消灯直後の製品は熱いので触れないでください。
●最大接続数を超える場合は系統分けをして配線してください。
●下記使用環境では使用しないでください。
　※常時、振動や衝撃がある場所。
　※不安定な場所。
　※腐食性、可燃性のガスが発生する場所。
　※有機溶剤がかかる場所。
　※密閉空間や周囲温度が高い場所。
●ご使用になる前に、必ず点灯確認を行ってください。
●製品の取付や交換、清掃の際には必ず電源を切ってください。
●LED製品は特質上若干、色や輝度のバラつきがある場合がございます。ご了承ください。
●下記の項目に該当する場合は保証対象外のなりますのでご注意ください。
　※取扱説明書兼保証書の注意事項に反する使用をした場合。
　※天災、人災などによる故障の場合。
　※取付業者による破損の場合。
●工事完了前に、灯具との結線箇所等にてテスターで電圧の再確認を行ってください。
●現場調査費、現場修理費工事費等の二次的派生費用につきましては、
　いかなる場合におきましても保証いたしかねます。予めご了承ください。

LED PRODUCTS for SIGN&DISPLAY

●電源は必ず規定の電圧をご使用ください。
●製品を改造、分解するなど無理な方法でのご使用はしないでください。
●水中でのご使用はしないでください。
●製品に異常が発生したらすぐに電源を切り、販売店・工事店にご相談してください。
●製品を布や紙などでおおったりしないでください。
　また、カーテンや揮発物など燃えやすいものの付近には設置しないでください。
●メンテナンスが可能な場所に設置してください。
●製品の取付は取扱説明書に従い、正しく行ってください。
●点灯中や消灯直後の製品は熱いので触れないでください。
●下記使用環境では使用しないでください。
　※常時、振動や衝撃がある場所。
　※不安定な場所。
　※腐食性、可燃性のガスが発生する場所。
　※湿度の高い場所。
　※有機溶剤がかかる場所。
　※水分や湿気等で結露が生じる可能性がある場所。
　※密閉空間や周囲温度が高い場所。
●ご使用になる前に、必ず点灯確認を行ってください。
●LED製品は特質上若干、色や輝度のバラつきがある場合がございます。ご了承ください。
●下記の項目に該当する場合は保証対象外のなりますのでご注意ください。
　※取扱説明書兼保証書の注意事項に反する使用をした場合。
　※天災、人災などによる故障の場合。
　※取付業者による破損の場合。
●工事完了前に、灯具との結線箇所等にてテスターで電圧の再確認を行ってください。
●現場調査費、現場修理費工事費等の二次的派生費用につきましては、
　いかなる場合におきましても保証いたしかねます。予めご了承ください。

FIBER OPTIC

【ライトエンジン】

●電源は必ず規定の電圧をご使用ください。
●製品を改造、分解するなど無理な方法でのご使用はしないでください。
●製品に異常が発生したらすぐに電源を切り、販売店・工事店にご相談してください。
●製品を布や紙などでおおったりしないでください。
　また、カーテンや揮発物など燃えやすいものの付近には設置しないでください。
●メンテナンスが可能な場所に設置してください。
●製品の取付は取扱説明書に従い、正しく行ってください。
●点灯中や消灯直後の製品は熱いので触れないでください。
●下記使用環境では使用しないでください。
　※常時、振動や衝撃がある場所。
　※不安定な場所。
　※水がかかる場所。
　※湿度が高い場所。
　※粉塵が多い場所。
　※腐食性、可燃性のガスが発生する場所。
　※有機溶剤がかかる場所。
　※密閉空間や周囲温度が高い場所。
●ご使用になる前に、必ず点灯確認を行ってください。
●製品の取付や交換、清掃の際には必ず電源を切ってください。
●製品は屋内仕様です。屋外では別途防水ボックスに入れてお使いください。
●下記の項目に該当する場合は保証対象外のなりますのでご注意ください。
　※取扱説明書兼保証書の注意事項に反する使用をした場合。
　※天災、人災などによる故障の場合。
　※取付業者による破損の場合。
●工事完了前に、灯具との結線箇所等にてテスターで電圧の再確認を行ってください。
●現場調査費、現場修理費工事費等の二次的派生費用につきましては、
　いかなる場合におきましても保証いたしかねます。予めご了承ください。

【ファイバー】

●下記使用環境では使用しないでください。
　※常時、振動や衝撃がある場所。
　※海水がかかる場所。
　※腐食性、可燃性のガスが発生する場所。
　※有機溶剤がかかる場所。
　※直射日光があたる場所。
●製品を無理に曲げたり縛り付けたりしないでください。
　被覆内のファイバーが折れる原因になります。折れた先には光が届きません。
●ファイバーの被服をむく際は、中のファイバーを傷付けないよう丁寧に作業してください。
●最大限の発行効率を得るため、ライトエンジンからファイバーの末端が
　10m以内になるように設置してください。

POWER SUPPLY&CONTROLLER

●電源は必ず規定の電圧をご使用ください。
●製品を改造、分解するなど無理な方法でのご使用はしないでください。
●製品に異常が発生したらすぐに電源を切り、販売店・工事店にご相談してください。
●製品を布や紙などでおおったりしないでください。
　また、カーテンや揮発物など燃えやすいものの付近には設置しないでください。
●メンテナンスが可能な場所に設置してください。
●製品の取付は取扱説明書に従い、正しく行ってください。
●結露した状態で使用及び保管しないでください。
●下記使用環境では使用しないでください。
　※常時、振動や衝撃がある場所。
　※不安定な場所。
　※腐食性、可燃性のガスが発生する場所。
　※湿度が高い場所。
　※水がかかる場所。
　※有機溶剤がかかる場所。
　※密閉空間や周囲温度が高い場所。
●ご使用になる前に、必ず動作確認を行ってください。
●製品の取付や交換、清掃の際には必ず電源を切ってください。
●下記の項目に該当する場合は保証対象外のなりますのでご注意ください。
　※取扱説明書兼保証書の注意事項に反する使用をした場合。
　※天災、人災などによる故障の場合。
　※取付業者による破損の場合。
●工事完了前に、灯具との結線箇所等にてテスターで電圧の再確認を行ってください。
●現場調査費、現場修理費工事費等の二次的派生費用につきましては、
　いかなる場合におきましても保証いたしかねます。予めご了承ください。

LED ILLUMINATIONS

●電源は必ず規定の電圧をご使用ください。
●製品を改造、分解するなど無理な方法でのご使用はしないでください。
●製品に異常が発生したらすぐに電源を切り、販売店・工事店にご相談してください。
●水中でのご使用はしないでください。
●製品を布や紙などでおおったりしないでください。
　また、カーテンや揮発物など燃えやすいものの付近には設置しないでください。
●メンテナンスが可能な場所に設置してください。
●製品の取付は取扱説明書に従い、正しく行ってください。
●点灯中の製品を間近で長時間見つめないでください。
●電源コードを束ねたまま長時間の点灯はしないでください。
●最大接続数を超える場合は系統分けをして配線してください。
●屋外に常設設置の場合は3ヶ月に1度、コードの劣化、電球の破損、
　輝度の減衰等が無いかお調べください。
●下記使用環境では使用しないでください。
　※常時、振動や衝撃がある場所。
　※海水がかかる場所。
　※湿度の高い場所。
　※不安定な場所。
　※腐食性、可燃性のガスが発生する場所。
　※有機溶剤がかかる場所。
　※密閉空間や周囲温度が高い場所。
●低温時はコードが固くなりやすく断線しやすくなります。
　取り付ける際には無理な負担がかからないようにご注意ください。
●ご使用になる前に、必ず点灯確認を行ってください。
●コントローラーを除く製品は防滴仕様ですが、屋外に設置の際はコネクター部分に
　別途自己融着テープ、ビニールテープ等を使用して防水処理を行ってください。
●製品の取付や交換、清掃の際には必ず電源を切ってください。
●LED製品は特質上若干、色や輝度のバラつきがある場合がございます。ご了承ください。
●下記の項目に該当する場合は保証対象外のなりますのでご注意ください。
　※取扱説明書兼保証書の注意事項に反する使用をした場合。
　※天災、人災などによる故障の場合。
　※取付業者による破損の場合。
●工事完了前に、灯具との結線箇所等にてテスターで電圧の再確認を行ってください。
●現場調査費、現場修理費工事費等の二次的派生費用につきましては、
　いかなる場合におきましても保証いたしかねます。予めご了承ください。

CORPORATE

株式会社 エフェクトメイジ
EFFECT MEIJI Corp.

URL
www.e-meiji.co.jp

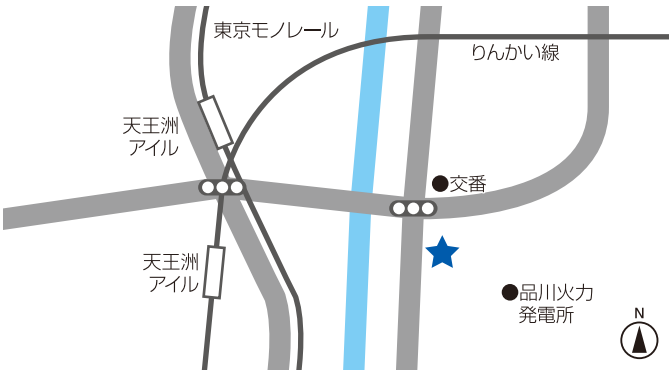
E-MAIL
info@e-meiji.co.jp

J-WORD
エフェクトメイジ　LED照明

Head Office

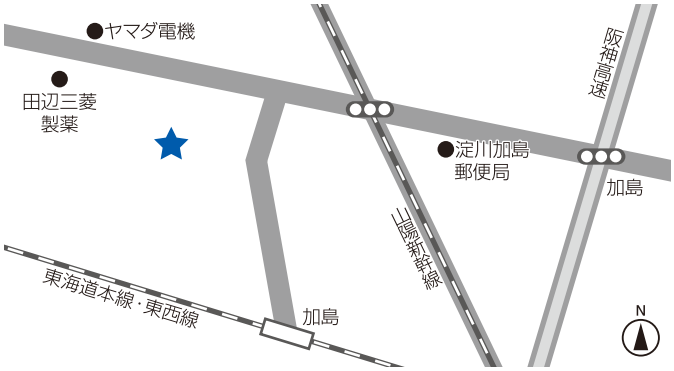
2-35-19, Yutaka, Minami-ku, Nagoya-City, Aichi,Japan, 457-0863
TEL : +81-52-694-1313
FAX : +81-52-694-0013

Tokyo Office



5-6-11, Higashi-shinagawa, Shinagawa-ku, Tokyo, Japan 140-0002
TEL : +81-3-5462-1313
FAX : +81-3-5783-0013

Osaka Office



3-15-23 2F, Kashima, Yodogawa-ku, Osaka-City, Japan 532-0031
TEL : +81-6-6889-1313
FAX : +81-6-6889-1331

Over Sea Office

EFFECT MEIJI H.K.
TEL : 852-23779477

EFFECT MEIJI KOREA
TEL : 82-324370928

www.e-meiji.co.jp